Department of the Army

Fiscal Year (FY) 2005 Budget Estimates

Military Construction, Army, Family Housing & Homeowners Assistance

Justification Data Submitted to Congress
February 2004

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alabama		Anniston Army Depot (AMC/SERO)				3
	50499	Powertrain Component Rebuilding Facility	23,690	23,690	C	5
		Subtotal Anniston Army Depot PART I	$ 23,690	23,690		
		* TOTAL MCA FOR Alabama	$ 23,690	23,690		
Alaska		Fort Richardson (USARPAC/PARO)				11
	53392	Sniper Field Fire Range	3,100	3,100	N	13
	57725	Digital Multipurpose Training Range	13,600	13,600	N	16
	58047	Barracks Complex	7,600	7,600	C	19
		Subtotal Fort Richardson PART I	$ 24,300	24,300		
		Fort Wainwright (USARPAC/PARO)				23
	46789	Barracks Complex Renewal-Santiago Road	30,912	30,912	C	25
	47125	Barracks Complex - Lorraine Road	39,815	39,815	C	28
	56693	Combined Arms Collective Training Facility	21,732	21,732	N	31
		Subtotal Fort Wainwright PART I	$ 92,459	92,459		
		* TOTAL MCA FOR Alaska	$ 116,759	116,759		
California		Fort Irwin (FORSCOM/SWRO)				37
	45190	Command and Control Facility	21,000	21,000	C	39
	48606	Land Acquisition Ph 2	14,500	14,500	C	42
	57519	CIDC Field Operations Building	2,600	2,600	C	46
		Subtotal Fort Irwin PART I	$ 38,100	38,100		
		* TOTAL MCA FOR California	$ 38,100	38,100		
Colorado		Fort Carson (FORSCOM/NWRO)				51
	52842	Digital Multipurpose Training Range	33,000	33,000	C	53
	53608	Barracks Complex - Hospital Area	14,108	14,108	C	58
		Subtotal Fort Carson PART I	$ 47,108	47,108		
		* TOTAL MCA FOR Colorado	$ 47,108	47,108		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Georgia		Fort Benning (TRADOC/SERO)				63
	19636	Physical Fitness Training Center	18,362	18,362	C	65
	35311	Barracks Complex - Kelley Hill/Main Post	49,565	49,565	C	68
	58960	Hazardous Cargo Loading Apron	3,850	3,850	C	71
		Subtotal Fort Benning PART I	$ 71,777	71,777		
		Fort Gillem (FORSCOM/SERO)				75
	53321	Recruiting Brigade Operations Building	5,800	5,800	C	77
		Subtotal Fort Gillem PART I	$ 5,800	5,800		
		Fort McPherson (FORSCOM/SERO)				81
	15091	Child Development Center	4,900	4,900	C	83
		Subtotal Fort McPherson PART I	$ 4,900	4,900		
		Fort Stewart (FORSCOM/SERO)				87
	42039	Command and Control Facility	24,695	24,695	C	89
	56223	Tactical Equipment Complex	10,200	10,200	C	92
	57803	Chapel	9,500	9,500	C	95
	60358	Aircraft Maintenance Hanger (SOF)	21,100	21,100	C	99
	60408	Barracks Complex-5th & 16th St Ph 2	0	32,950	C	102
		Subtotal Fort Stewart PART I	$ 65,495	98,445		
		* TOTAL MCA FOR Georgia	$ 147,972	180,922		
Hawaii		Helemano Military Reservation (USARPAC/PARO)				107
	57226	Drum Road Upgrade Ph 1	68,000	27,000	C	109
	57406	Tank Trails - Helemano	7,300	7,300	C	112
		Subtotal Helemano Military Reservation PART I	$ 75,300	34,300		
		Hickam Air Force Base (USARPAC/PARO)				
	57423	Hot Cargo Pad Expansion	11,200	11,200	N	117
		Subtotal Hickam Air Force Base PART I	$ 11,200	11,200		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
		Schofield Barracks (USARPAC/PARO)				121
	48785	Barracks Complex Renewal-Capron Ave Ph 3	0	48,000	C	123
	50927	Fire Station	4,800	4,800	C	126
	52263	Barracks Complex-Quad E, Ph 2	36,000	36,000	C	129
	57305	Combined Arms Collective Training Facility	32,542	32,542	N	132
	57416	Tactical Vehicle Wash Facility	3,500	3,500	N	135
	57421	Vehicle Maintenance Facility Ph 1	74,000	49,000	N	138
	57462	Qualification Training Range	4,950	4,950	N	142
	58144	Battle Area Live Fire Complex	32,000	32,000	N	146
		Pohakuloa Training Area				
	57411	West PTA Modifications	30,000	30,000	C	150
		Wheeler Army Air Field				
	57422	Deployment Facility	24,000	24,000	C	153
		Subtotal Schofield Barracks PART I	$ 241,792	264,792		
		* TOTAL MCA FOR Hawaii	$ 328,292	310,292		
Kansas		Fort Leavenworth (TRADOC/NWRO)				159
	56449	Lewis & Clark Instructional Facility Ph 2	0	44,000	C	161
		Subtotal Fort Leavenworth PART I	$ 0	44,000		
		Fort Riley (FORSCOM/NWRO)				167
	41833	Barracks Complex Renewal	41,000	41,000	C	169
	57143	Communications Center	3,050	3,050	C	172
		Subtotal Fort Riley PART I	$ 44,050	44,050		
		* TOTAL MCA FOR Kansas	$ 44,050	88,050		
Kentucky		Fort Campbell (FORSCOM/SERO)				177
	18696	Command and Control Facility	33,000	33,000	C	179
	36403	Barracks Complex-42nd St/Indiana Ave Ph 1	55,000	30,000	C	182
	57763	Shoot House	1,600	1,600	C	185
		Subtotal Fort Campbell PART I	$ 89,600	64,600		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
		Fort Knox (TRADOC/SERO)				189
	51975	Basic Combat Training Complex 1 Ph 1	72,000	50,000	C	191
		Subtotal Fort Knox PART I	$ 72,000	50,000		
		* TOTAL MCA FOR Kentucky	$ 161,600	114,600		
Louisiana		Fort Polk (FORSCOM/SWRO)				197
	56518	Pallet Processing Facility	8,800	8,800	N	199
	56537	Ammunition Supply Point Upgrade	7,500	7,500	N	202
	56583	Hazardous Cargo Loading Apron	14,503	14,503	N	205
	57020	Passenger Processing Facility	11,700	11,700	N	208
	57168	Fixed Wing Aircraft Parking Apron	25,000	25,000	N	211
	57672	Urban Assault Course	3,450	3,450	N	214
		Subtotal Fort Polk PART I	$ 70,953	70,953		
		* TOTAL MCA FOR Louisiana	$ 70,953	70,953		
Missouri		Fort Leonard Wood (TRADOC/NWRO)				221
	51432	WMD Responder Training Facility	15,000	15,000	C	223
	58312	Range	2,750	2,750	C	227
		Subtotal Fort Leonard Wood PART I	$ 17,750	17,750		
		* TOTAL MCA FOR Missouri	$ 17,750	17,750		
New Mexico		White Sands Missile Range (ATEC/SWRO)				233
	56232	Electromagnetic Vulnerability Assess Fac	33,000	33,000	C	235
		Subtotal White Sands Missile Range PART I	$ 33,000	33,000		
		* TOTAL MCA FOR New Mexico	$ 33,000	33,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New York		Buffalo (ACSIM/NERO)				
	59873	Military Entrance Processing Station	6,200	6,200	C	243
		Subtotal Buffalo PART I	$ 6,200	6,200		
		Fort Drum (FORSCOM/NERO)				247
	33409	Barracks Complex-Wheeler Sack AAF Ph 2	0	48,000	C	249
	52107	Airfield Arrival/Departure Facility	4,950	4,950	C	252
		Subtotal Fort Drum PART I	$ 4,950	52,950		
		Fort Hamilton (MDW/NERO)				255
	52224	Military Police Station	7,600	7,600	C	257
		Subtotal Fort Hamilton PART I	$ 7,600	7,600		
		United States Military Academy (USMA/NERO)				261
	39538	Library & Learning Center Ph 1	60,000	34,500	C	263
		Subtotal United States Military Academy PART I	$ 60,000	34,500		
		* TOTAL MCA FOR New York	$ 78,750	101,250		
North Carolina		Fort Bragg (FORSCOM/SERO)				269
	44493	Barracks Complex Renewal BlackJack St Ph 1	80,000	49,000	C	271
	47348	Barracks Complex-Bastogne Dr Ph 2	0	48,000	C	274
	48441	Barracks Complex-Donovan Street Ph 5	15,500	15,500	C	277
	55339	Flight Control Tower	2,500	2,500	N	280
	57315	Shoot House	2,037	2,037	C	283
	58481	Shoot House	1,650	1,650	C	286
		Subtotal Fort Bragg PART I	$ 101,687	118,687		
		* TOTAL MCA FOR North Carolina	$ 101,687	118,687		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Oklahoma		Fort Sill (TRADOC/SWRO)				291
	44258	Vehicle Maintenance Facility	14,400	14,400	C	293
	59803	Consolidated Maintenance Complex Ph 3	0	13,100	C	296
		Subtotal Fort Sill PART I	$ 14,400	27,500		
		* TOTAL MCA FOR Oklahoma	$ 14,400	27,500		
Texas		Fort Bliss (TRADOC/SWRO)				303
	55367	Missile Defense Instruction Facility	16,500	16,500	C	305
		Subtotal Fort Bliss PART I	$ 16,500	16,500		
		Fort Hood (FORSCOM/SWRO)				309
	23654	Barracks Complex	49,888	49,888	C	311
	52001	Digital Multipurpose Range	28,200	28,200	C	314
		Subtotal Fort Hood PART I	$ 78,088	78,088		
		* TOTAL MCA FOR Texas	$ 94,588	94,588		
Virginia		Fort A P Hill (FORSCOM/NERO)				321
	58719	Shoot House	3,975	3,975	C	323
		Subtotal Fort A P Hill PART I	$ 3,975	3,975		
		Fort Myer (MDW/NERO)				327
	56486	Barracks Complex-Sheridan Ave	49,526	49,526	C	329
		Subtotal Fort Myer PART I	$ 49,526	49,526		
		* TOTAL MCA FOR Virginia	$ 53,501	53,501		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Washington		Fort Lewis (FORSCOM/NWRO)				335
	44795	Barracks Complex-41st Div Dr/B St Ph 2	48,000	48,000	C	337
		Subtotal Fort Lewis PART I	$ 48,000	48,000		
		* TOTAL MCA FOR Washington	$ 48,000	48,000		
** TOTAL INSIDE THE UNITED STATES FOR MCA			$ 1,420,200	1,484,750		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Germany		Germany Various (USAREUR/EURO)				343
		Grafenwoehr East Camp Grafenwoehr				
	55976	Brigade Support Complex	14,700	14,700	C	345
	55977	Barracks Complex	28,500	28,500	C	349
	55979	Barracks Complex-Brigade	34,000	34,000	C	352
		Subtotal Germany Various PART I	$ 77,200	77,200		
		* TOTAL MCA FOR Germany	$ 77,200	77,200		
Italy		Italy Various (USAREUR/EURO)				359
		Livorno Livorno Supply & Maint Area				
	58497	Warehouse Operations Facility	26,000	26,000	C	361
		Subtotal Italy Various PART I	$ 26,000	26,000		
		* TOTAL MCA FOR Italy	$ 26,000	26,000		
Korea		Korea Various (EUSA/KORO)				367
		Area III Camp Humphreys				
	56091	Sanitary Sewer System	12,000	12,000	C	369
		Subtotal Korea Various PART I	$ 12,000	12,000		
		* TOTAL MCA FOR Korea	$ 12,000	12,000		
		** TOTAL OUTSIDE THE UNITED STATES FOR MCA	$ 115,200	115,200		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)
WORLDWIDE

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Worldwide Various		Planning and Design (PLNGDES/OTHR)			
		Host Nation Support			
	51095	Host Nation Support	0	21,000	375
		Subtotal Planning and Design PART I	$ 0	21,000	
		Minor Construction (MINOR/OTHR)			
	39979	Minor Construction	0	20,000	377
		Subtotal Minor Construction PART I	$ 0	20,000	
		Planning and Design (PLNGDES/OTHR)			
	51093	Planning & Design	0	130,335	379
		Subtotal Planning and Design PART I	$ 0	130,335	
		* TOTAL MCA FOR Worldwide Various	$ 0	171,335	
** TOTAL WORLDWIDE FOR MCA			$ 0	171,335	
MILITARY CONSTRUCTION (PART I) TOTAL			$ 1,535,400	1,771,285	

Total Cost of New Mission Projects	(16)	$ 245,077
Total Cost of Current Mission Projects	(59)	$ 1,354,873
Total Cost of other line items	(3)	$ 171,335
Total Cost of FY 2005 MCA Projects	(78)	$ 1,771,285

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2005

REGION SUMMARY

REGION OFFICE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
USA Installation Management Northeast Region Office	132,251	154,751
USA Installation Management Northwest Region Office	156,908	200,908
USA Installation Management Pacific Region Office	445,051	427,051
USA Installation Management Southeast Region Office	434,949	437,899
USA Installation Management Southwest Region Office	251,041	264,141
OUTSIDE THE UNITED STATES		
USA Installation Management Europe Region Office	103,200	103,200
USA Installation Management Korea Region Office	12,000	12,000
WORLDWIDE		
ACSIM	0	171,335
TOTAL	1,535,400	1,771,285

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DEPARTMENT OF THE ARMY
MILITARY CONSTRUCTION (PART I) FY 2005

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
Military Enlistment Processing Command	6,200	6,200
US Army Materiel Command	56,690	56,690
US Army Forces Command	602,706	675,656
US Army Training and Doctrine Command	192,427	227,527
US Army Military District of Washington	57,126	57,126
US Army Pacific	445,051	427,051
United States Military Academy	60,000	34,500
OUTSIDE THE UNITED STATES		
US Army Europe and Seventh Army	103,200	103,200
Eighth United States Army	12,000	12,000
WORLDWIDE		
Military Construction, Army Minor	0	20,000
Planning and Design	0	151,335
TOTAL	1,535,400	1,771,285

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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 APPROPRIATIONS ($)
2005	1,771,285,000
2004	1,610,339,000
2003	1,545,860,000

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in 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, Current Readiness, and Future Readiness, 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 FY05 request does not include funding for classified programs.

2. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. 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. Planning & Design. 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 2005 will be used to design projects in the Army's Fiscal Years 2006 and 2007 programs.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2005

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,**~~ ***$1,771,285,000,*** to remain available until September 30, 2009: Provided, That of this amount, not to exceed $~~**122,710,000,**~~ ***151,335,000***, 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.

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
Fort Gillem, GA	Forensic Lab
Rochester, NH	Army Reserve Center/OMS
Fiscal Year 2003	
Fort Lewis, WA	Battle Simulation Center
Fort Story, VA	Army Reserve Center/OMS
Topeka, KS	NG Armed Forces Reserve Center
Fiscal Year 2004	
Fort Stewart, GA	Physical Fitness Training Center
Fort Meade, MD	Army Reserve Center
Lenoir, NC	NG Readiness Reserve Center
Fiscal Year 2005	
Fort Campbell, KY	Barracks Complex-42nd St/Indiana
Fort Bliss, TX	Missile Defense Instruction Facility
Fort Meade, MD	Army Reserve Center, Ph 2
Camp Robinson, AR	NG Army Aviation Support Facility

Armed Services Conference Report 108-354

Powertrain/Flexible Maintenance Center, Anniston Army Depot, Alabama

On page 802, the conferees strongly urged the Secretary of Defense to include this project in the Army's FY 2005 budget submission. The Army included this project in the fiscal year 2005 budget request in the amount of $23,690,000.

House Armed Services Committee Report #108-106

Minor Construction

On page 399, the Conferees directed the Army to make FY04 funds available out of the minor construction account for the following projects.

State	*Location*	*Project*	*Not less than ($thousands)*	*Status*
AL	Anniston Army Depot	General Instruction Building	1,050	Withdrawn*
CA	Fort Irwin	Explosive Ordnance Disposal Ops Bldg	1,500	Under Design**

*On page 18 of the MILCON Conference Report 108-342, the Conferees withdrew the requirement to fund this project.
** Award of this project is planned for 4th quarter, fiscal year 2004.

Planning and Design

On page 399, the Conferees directed the Army to provide funds for the design the following project.

State	*Location*	*Project*	*Not less than ($thousands)*	*Status*
AL	Redstone Arsenal	Munitions Training Facility	158	Under Design
CO	Fort Carson	Barracks Complex (Hospital Area)	500	Under Design
MD	Fort Detrick	Satellite Communications Center	740	Under Design
TX	Corpus Christi	Aircraft Corrosion Control	740	Under Design

Items of Interest – Military Construction Appropriations Committees

House Appropriations Conference - Report #108-342

Planning and Design

On page 18, the Committee directed the Army to provide funds for the design the Anniston Army Depot Powertrain Maintenance Facility in lieu of funds for minor construction to construct a general instruction building at Anniston Army Depot, Alabama, as proposed by the House

State	*Location*	*Project*	*Not less than ($thousands)*	*Status*
AL	Anniston Army Depot	Powertrain Maintenance Facility	1,000	Included in FY05 Budget Request

Senate Appropriations Committee -Report #108-82

Real Property Maintenance Reporting Requirement

On page **19**, 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 FY05 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.

Planning and Design

On page 20-21, the Committee directed the Army to provide funds for the design the following projects.

State	*Location*	*Project*	*Not less than ($thousands)*	*Status*
KY	Fort Campbell	Urban Assault Course 101st AD	239	Under Design
KY	Fort Knox	Dining Facility Renovation	178	Under Design
TX	Fort Bliss	Tactical Equipment Shop	663	Under Design
TX	Red River AD	Wheeled Vehicle Rebuild Fac	2,890	Under Design
NJ	Fort Monmouth	Battery Test Facility	182	Under Design

Minor Construction

On pages 20-21, the Committee directed the Army to make FY04 funds available out of the minor construction account for the following projects:

State	*Location*	*Project*	*Not less than ($thousands)*	*Status*
AK	Donnelly Training Area	UAV Maintenance Facility	1,500	Under Design
AK	Fort Richardson	Replace Ship Creek Bridge	1,500	Under Design
AK	Fort Wainwright	Chapel Expansion	1,500	Under Design
AK	Fort Wainwright	Gymnasium Addition	1,500	Under Design
NV	Hawthorne Army Depot	Water Treatment Facility	2,950	Under Design
TX	Fort Bliss	Chaffee (Main) Gate	910	Under Design
TX	Fort Bliss	Robert E. Lee (Main) Gate	1,200	Under Design

Award of these projects is planned for 4th quarter, fiscal year 2004.

Items of Interest – Military Construction Appropriations Committees

House Appropriations Committee - Report #108-173

Fort Belvoir Transportation Infrastructure.

The Committee directed the Secretary of the Army to insure that the Fort Belvoir Master Plan identifies transportation infrastructure improvements necessary to ensure optimum access and mobility are maintained. Identification and analysis of transportation infrastructure improvements to include improvement of access control points, widening of existing roadways, construction of additional roads, North – South Post Overpass, and Richmond Highway and Telegraph Road Connector Road South, and provision of light rail and/or metro service are included in the ongoing Fort Belvoir Master Plan update. Local and regional impacts of each of the proposed land use plans are being evaluated and the transportation infrastructure improvements necessary to support the planned construction and to mitigate impacts are being incorporated into the planning

Planning and Design

On page 11-12, the Committee directed the Army to provide funds for the design of the following projects.

State	*Location*	*Project*	*Not less than ($thousands)*	*Status*
AL	Redstone Arsenal	Munitions Training Facility	158	Under Design
CO	Fort Carson	Barracks Complex (Hospital Area)	500	Included in FY05 Budget Request
MD	Fort Detrick	Satellite Communications	740	Under Design
TX	Corpus Christi	Aircraft Corrosion Control Facility	720	Under Design

Minor Construction

On page 11-12, the Committee directed the Army to make FY04 funds available out of the minor construction account for the following projects:

State	*Location*	*Project*	*Not less than ($thousands)*	*Status*
CA	Fort Irwin	Explosive Ordnance Disposal Ops Bldg	1,500	Under Design

Award of this project is planned for 4th quarter, fiscal year 2004.

Other Items of Interest

Overseas Construction.

This years budget estimate request includes five Military Construction, Army (MCA) projects totaling $115,200,000 and two Army Family Housing Construction (AFHC) projects totaling $14,800,000 in authorization and authorization of appropriations to construct facilities overseas. This represents 7 percent of our MCA and 2.4 percent of our AFHC budget request. These 7 projects are the minimum number of essential projects supported by the Combatant Commanders at locations vital to their long-term missions.

Library and Learning Center, Ph 1, U.S. Military Academy, NY.

United States Military Academy Library and Learning Center: This years budget request includes the first phase of a project at the United States Military Academy at West Point, New York to construct a $60,000,000 Library and Learning Center. Full authorization is requested this year but only $34,500,000 in appropriations is requested. The additional $25,500,000 in appropriations will be requested in Fiscal year 2006. This project will provide a modern, technologically capable and space efficient environment to conduct the Academy's educational mission. Previous Middle States accreditation reviews have highlighted concern with the current condition and adequacy of the physical space. Without this project, accreditation failure is inevitable.

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alabama		Anniston Army Depot (AMC/SERO)				3
	50499	Powertrain Component Rebuilding Facility	23,690	23,690	C	5
		Subtotal Anniston Army Depot PART I	$ 23,690	23,690		
		* TOTAL MCA FOR Alabama	$ 23,690	23,690		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Anniston Army Depot Alabama	US Army Materiel Command (Installation Mgt Agency, Southeast Region)	0.78

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	5	20	3110	0	0	0	11	219	1648	5,013
B. END FY 2009	5	20	3050	0	0	0	11	219	1618	4,923

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	6,183 ha (15,279 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		1,604,703
C. AUTHORIZATION NOT YET IN INVENTORY.....		395,500
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		23,690
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		2,640
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		82,789
H. GRAND TOTAL.....		2,109,322

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
214	50499	Powertrain Component Rebuilding Facility	23,690	09/2003	07/2005
		TOTAL	23,690		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
421	THAAD Igloo Upgrades	2,640
	TOTAL	2,640

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 38

10. MISSION OR MAJOR FUNCTIONS:

To operate a supply depot for the receipt, storage, and issue of assigned commodities, i.e., general supply and ammunition, strategic and critical materials, shelter supplies, war reserve stock, etc. To operate a depot maintenance facility for the repair, overhaul, modification, and conversion of assigned commodities, i.e., combat and tactical vehicles, artillery, small arms, ammunition, missiles, etc. To provide installation support to attached organizations, and to operate assigned facilities.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Anniston Army Depot Alabama

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $37,857, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Anniston Army Depot Alabama	Powertrain Component Rebuilding Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	23,690
72896A	214	50499	Approp	23,690

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				15,625
Powertrain Maintenence Center	m2 (SF)	13,239 (142,500)	1,169	(15,478)
Building Information Systems	LS	--	--	(147)
SUPPORTING FACILITIES				4,942
Electric Service	LS	--	--	(494)
Water, Sewer, Gas	LS	--	--	(308)
Steam And/Or Chilled Water Dist	LS	--	--	(233)
Paving, Walks, Curbs & Gutters	LS	--	--	(577)
Storm Drainage	LS	--	--	(111)
Site Imp(1,316) Demo(1,140)	LS	--	--	(2,456)
Information Systems	LS	--	--	(158)
Antiterrorism/Force Protection	LS	--	--	(229)
Equipment Relocation	LS	--	--	(376)
ESTIMATED CONTRACT COST				20,567
CONTINGENCY PERCENT (5.00%)				1,028
SUBTOTAL				21,595
SUPV, INSP & OVERHEAD (5.70%)				1,231
DESIGN/BUILD - DESIGN COST				864
TOTAL REQUEST				23,690
TOTAL REQUEST (ROUNDED)				24,000
INSTALLED EQT-OTHER APPROP				(26,013)

10.Description of Proposed Construction

Construct a facility for the overhaul and production of reciprocating engines to include a dynamometer test area, chemical and abrasive cleaning areas, machining areas, component disassembly areas, welding areas, component reassembly areas, lunchroom areas, storage areas, supervisor and support administration areas with comprehensive interior design, fire protection, multiple overhead bridge crane systems, heating, ventilation, and air conditioning (HVAC) (400 tons), and component receiving and shipping areas. Supporting facilities include utilities; electric service; roadways; hardstand; sanitary sewer; industrial sewer; storm sewer; and communication lines. Purchase new equipment and install in the new facility (using other appropriations), relocate certain existing bridge crane systems and existing equipment to new facility. Equipment will be a combination of new and relocated equipment. Steam lines will be extended from the southeast corner of the building to provide process steam and heat. Construct two bridges; one across Dry Creek and one across one of its tributaries. Access for persons with disabilities will be provided. Anti-terrorism/force protection (AT/FP) measures will include observance of vehicle access siting distances, landscaping berms, exterior lighting, laminated glass, and walkway bollards.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Anniston Army Depot, Alabama

4.PROJECT TITLE	5.PROJECT NUMBER
Powertrain Component Rebuilding Facility	50499

11. REQ: 92,531 m2 ADQT: 79,292 m2 SUBSTD: 13,239 m2

PROJECT: Construct a flexible integrated Powertrain facility for the overhaul and production of reciprocating engines for ground combat vehicles. (Current Mission)

REQUIREMENT: This project is required to support Anniston Army Depot's mission to repair and overhaul the Army's reciprocating engines. Anniston Army Depot is the Department of Defense's Center of Technical Excellence for Land Combat Vehicles and their components. Repair and overhaul of reciprocating engines is a core element in the Army's Recapitalization Program for repairing combat vehicles. This project will fulfill the Army's current and future production requirements for combat vehicle powertrain components and improve Army readiness by providing soldiers in the field high quality components more quickly.

CURRENT SITUATION: Currently, repair of powertrain components is dispersed among 13 production and support shops scattered over 54 acres at Anniston Army Depot. This causes many problems and inefficiencies including longer assembly times, parts damage due to weather and multiple handling, substandard parts accountability, higher risk in worker safety (fatigue due to multiple and lengthy material handling operations), and increased environmental liability since current operations are so widely dispersed they inhibit the ability to expand new technologies for environmental improvements into the production process.

IMPACT IF NOT PROVIDED: If this project is not provided, the ability to provide the soldier in the field with timely, reliable, sustainable, and survivable combat vehicles will be negatively impacted. Continued use of widely dispersed facilities will continue operational inefficiencies and resultant higher costs, longer assembly times, parts damage, higher risk in worker safety, and increased environmental liability.

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. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this 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. 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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Anniston Army Depot, Alabama

4.PROJECT TITLE	5.PROJECT NUMBER
Powertrain Component Rebuilding Facility	50499

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	SEP 2003
(b) Percent Complete As Of January 2004	15.00
(c) Date 35% Designed	NOV 2004
(d) Date Design Complete	JUL 2005
(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) Total Design Cost (c) = (a)+(b) OR (d)+(e):

	($000)
(a) Production of Plans and Specifications	75
(b) All Other Design Costs	1,825
(c) Total Design Cost	1,900
(d) Contract	1,500
(e) In-house	400

(4) Construction Contract Award	MAR 2005
(5) Construction Start	APR 2005
(6) Construction Completion	JAN 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
New Equipment	OPA	2005	25,965
Info Sys - ISC	OPA	2006	48
		TOTAL	26,013

Installation Engineer: MIKE MATHEWS
Phone Number: DSN 571-4148

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Alaska		Fort Richardson (USARPAC/PARO)				11
	53392	Sniper Field Fire Range	3,100	3,100	N	13
	57725	Digital Multipurpose Training Range	13,600	13,600	N	16
	58047	Barracks Complex	7,600	7,600	C	19
		Subtotal Fort Richardson PART I	$ 24,300	24,300		
		Fort Wainwright (USARPAC/PARO)				23
	46789	Barracks Complex Renewal-Santiago Road	30,912	30,912	C	25
	47125	Barracks Complex - Lorraine Road	39,815	39,815	C	28
	56693	Combined Arms Collective Training Facility	21,732	21,732	N	31
		Subtotal Fort Wainwright PART I	$ 92,459	92,459		
		* TOTAL MCA FOR Alaska	$ 116,759	116,759		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Richardson Alaska	US Army Pacific (Installation Mgt Agency, Pacific Region)	1.68

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	218	2352	758	0	37	0	24	57	1073	4,519
B. END FY 2009	236	2567	708	0	36	0	20	57	1039	4,663

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	29,572 ha (73,073 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		5,003,927
C. AUTHORIZATION NOT YET IN INVENTORY.....		158,361
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		24,300
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		67,900
H. GRAND TOTAL.....		5,254,488

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
178	53392	Sniper Field Fire Range	3,100	01/2003	09/2004
178	57725	Digital Multipurpose Training Range	13,600	01/2003	10/2004
721	58047	Barracks Complex	7,600	02/2003	06/2004
		TOTAL	24,300		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		435

10. MISSION OR MAJOR FUNCTIONS:

Provide quality installation support and services to our customers. Plan and execute mobilization and deployment support operations. Plan and execute transformation of the installation in support of Stryker Brigade Combat Team 3. Maintain and improve infrastructure and training areas; proper stewardship of all resources; sustain strong community relations; and provide for Well-Being of the Army Family into the 21st Century.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Richardson Alaska

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $435,358, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Richardson Alaska	Sniper Field Fire Range

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	53392	Auth 3,100 Approp 3,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				549
Sniper Field Fire Range	EA	1 --	536,206	(536)
Building Information Systems	LS	--	--	(13)
SUPPORTING FACILITIES				2,223
Electric Service	LS	--	--	(1,219)
Paving, Walks, Curbs & Gutters	LS	--	--	(591)
Storm Drainage	LS	--	--	(48)
Site Imp(35) Demo( )	LS	--	--	(35)
Information Systems	LS	--	--	(330)
ESTIMATED CONTRACT COST				2,772
CONTINGENCY PERCENT (5.00%)				139
SUBTOTAL				2,911
SUPV, INSP & OVERHEAD (6.50%)				189
TOTAL REQUEST				3,100
TOTAL REQUEST (ROUNDED)				3,100
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Sniper Field Fire (SFF) range to be a standardized M21/M24 range for day and night time sniper training, as well as advanced rifle marksmanship training for selected personnel. The range will include a general instruction building, an enclosed mess, a bleacher enclosure, and an ammunition breakdown facility. This is to be a fully automated range. Supporting facilities include construction/upgrade of a range access road, site clearing and grading, and the construction of electrical and information systems infrastructure.

11. REQ: 4 FP ADQT: NONE SUBSTD: NONE

PROJECT: Construct a standard Sniper Field Fire range with advanced capabilities. This range will be overlaid on top of an existing multi-purpose machine gun range. (New Mission)

REQUIREMENT: The US Army Alaska (USARAK) Range and Training Land Program Development Plan, March 1999, has identified the Sniper Field Fire Range as a shortfall. This facility is needed to train snipers. Training is currently being conducted on ranges that do not support all sniper training requirements, such as stalking and concealment. Fort Richardson provides training facilities for the 501st Parachute Infantry Regiment and supporting

REQUIREMENT: (CONTINUED)
units, which would benefit from this construction. National Guard, Reserve units, State and Federal law enforcement agencies, and other DoD services will also use this facility.
CURRENT SITUATION: USARAK does not currently have an Army standard automated range facility to support sniper field fire training or advanced rifle marksmanship training. Sniper and advanced marksmanship training is currently being supported through the use of machine gun and other ranges.
IMPACT IF NOT PROVIDED: If this project is not provided, snipers assigned to USARAK will continue to train on sub-standard facilities. Necessary training objectives to fully support their critical combat roles will not be met. Additionally, without this facility, advanced marksmanship training objectives will not be supported at Fort Richardson.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. 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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JAN 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... SEP 2004
(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 Wainwright

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

(a) Production of Plans and Specifications..... 158

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Sniper Field Fire Range	53392

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs	130
(c) Total Design Cost	288
(d) Contract	158
(e) In-house	130

(4) Construction Contract Award	JAN 2005
(5) Construction Start	MAR 2005
(6) Construction Completion	DEC 2005

Installation Engineer: Frank Hall
Phone Number: 907-301-3223

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Richardson Alaska	Digital Multipurpose Training Range

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	57725	Auth 13,600 Approp 13,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				5,095
Mulitpurpose Training Range	EA	1 --	2847202	(2,847)
Large Range Control Facility	m2 (SF)	148.65 (1,600)	2,154	(320)
Operations & Storage Building	m2 (SF)	74.32 (800.01)	1,920	(143)
Ammo Breakdown Building	m2 (SF)	23.97 (258)	1,532	(37)
Storage Building - Dome	EA	3,014 --	105.47	(318)
Total from Continuation page				(1,430)
SUPPORTING FACILITIES				7,047
Electric Service	LS	--	--	(6,090)
Storm Drainage	LS	--	--	(198)
Site Imp(410) Demo(51)	LS	--	--	(461)
Information Systems	LS	--	--	(298)
ESTIMATED CONTRACT COST				12,142
CONTINGENCY PERCENT (5.00%)				607
SUBTOTAL				12,749
SUPV, INSP & OVERHEAD (6.50%)				829
TOTAL REQUEST				13,578
TOTAL REQUEST (ROUNDED)				13,600
INSTALLED EQT-OTHER APPROP				(1,963)

10.Description of Proposed Construction

Construct a Digital Multi-Purpose Training Range (MPTR) to support crew qualification tasks. Facilities include a large range control facility, a small After Action Review (AAR) building, a general instruction building, an enclosed mess facility, an operations and storage building, an ammunition break down building, and ammunition loading dock, bleacher enclosure, bivouac area, unit staging area, arctic latrine, primary power and on-site and targetry control. Supporting facilities include electric service, roads, drainage ditch, information systems, and site improvements. Demolish buildings (3,000 SF). Targetry and instrumentation will be funded by other procurement, Army (OPA).

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

PROJECT: Construct a Digital Multi-Purpose Training Range (DMPTR). (New Mission)

REQUIREMENT: This range is required to provide crew qualification and training scenarios for the battalions stationed on Fort Richardson. The transition from light infantry to a mechanized capability requires standard DMPTR to support mounted crews and section gunnery. Army training standards for these forces cannot be achieved without these ranges.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Digital Multipurpose Training Range	57725

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Latrine - Artic	m2 (SF)	19.97 (215)	2,416	(48)
BIVOUAC Area	ha (AC)	1 (2.47)	75,830	(76)
Unit Staging Area	ha (AC)	.50 (1.24)	53,242	(27)
Site Clearing & Grubbing	LS	--	--	(520)
Range Roads & Paving	LS	--	--	(693)
Building Information Systems	LS	--	--	(66)
			Total	1,430

CURRENT SITUATION: There are no facilities available at Fort Richardson, Alaska that provides state-of-the-art feedback for mounted crew gunnery qualification tasks. Currently active Army, reserve components, and National Guard units, cannot make most efficient use of training time available to meet optimum readiness levels and be fully prepared for combat deployment.
IMPACT IF NOT PROVIDED: Army training standards for assigned forces cannot be achieved efficiently without this range.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JAN 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... OCT 2004
(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	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Digital Multipurpose Training Range	57725

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a)	Production of Plans and Specifications.....	600
(b)	All Other Design Costs.....	289
(c)	Total Design Cost.....	889
(d)	Contract.....	600
(e)	In-house.....	289

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... SEP 2006

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Targetry	OPA	2006	1,931
Info Sys - ISC	OPA	2006	32
		TOTAL	1,963

Installation Engineer: Mr. Frank Hall
Phone Number: 907-301-3223

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Richardson Alaska	Barracks Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	58047	Auth 7,600 Approp 7,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				6,118
UPH Barracks	m2 (SF)	2,160 (23,250)	2,670	(5,768)
Antiterrorism/Force Protection	m2 (SF)	427.35 (4,600)	134.55	(58)
Special Foundation	m2 (SF)	2,160 (23,250)	64.58	(140)
EMCS connections	LS	--	--	(50)
Building Information Systems	LS	--	--	(102)
SUPPORTING FACILITIES				664
Electric Service	LS	--	--	(159)
Water, Sewer, Gas	LS	--	--	(38)
Paving, Walks, Curbs & Gutters	LS	--	--	(18)
Site Imp(93) Demo( )	LS	--	--	(93)
Information Systems	LS	--	--	(356)
ESTIMATED CONTRACT COST				6,782
CONTINGENCY PERCENT (5.00%)				339
SUBTOTAL				7,121
SUPV, INSP & OVERHEAD (6.50%)				463
TOTAL REQUEST				7,584
TOTAL REQUEST (ROUNDED)				7,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design barracks. Primary facility costs include special foundation work to address seismic and permafrost engineering design requirements. Connect energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; relocate and/or extend water distribution; relocate and/or extend sanitary and storm water sewerage; fire protection and alarm systems; site grading and contouring; exterior lighting; parking; heater block outlets; recreational areas; paving, walks, curbs and gutters; storm drainage and erosion control measures; information systems; and site improvements. Supporting facilities costs include underground utilidors necessary to protect the utilities in subzero climate. Heating and hot water will be provided through connection with the existing central heating and power plant. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

11. REQ: 689 PN ADQT: 629 PN SUBSTD: 60 PN

PROJECT: Construct a standard-design barracks. (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	58047

REQUIREMENT: This project is required to provide living conditions for soldiers that meet current standards. The maximum barracks utilization is 60 soldiers.
CURRENT SITUATION: The existing gang latrine barracks are 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.
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. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $8M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Richardson, AK. Upon completion of this project, and other projects approved or budgeted through FY 2005, there is no remaining unaccompanied enlisted permanent party 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..... FEB 2003
(b) Percent Complete As Of January 2004..... 65.00
(c) Date 35% Designed..... SEP 2003
(d) Date Design Complete..... JUN 2004
(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 Wainwright

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Richardson, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	58047

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	192
(b) All Other Design Costs.....	264
(c) Total Design Cost.....	456
(d) Contract.....	264
(e) In-house.....	192

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2006

Installation Engineer: Frank Hall
Phone Number: 907-301-3223

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Wainwright Alaska	US Army Pacific (Installation Mgt Agency, Pacific Region)	2.03

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	505	3750	653	0	0	0	8	42	1073	6,031
B. END FY 2009	583	4319	730	0	0	0	7	42	1041	6,722

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	647,838 ha (1,600,836 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,856,594
C. AUTHORIZATION NOT YET IN INVENTORY.....		374,686
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		92,459
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		33,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		28,710
H. GRAND TOTAL.....		4,385,449

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	47125	Barracks Complex - Lorraine Road	39,815	03/2003	04/2004
721	46789	Barracks Complex Renewal-Santiago Road	30,912	03/2003	08/2004
179	56693	Combined Arms Collective Training Facility	21,732	04/2002	11/2004
		TOTAL	92,459		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
721	Barracks Complex	33,000
	TOTAL	33,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 636

10. MISSION OR MAJOR FUNCTIONS:

Provide quality installation support and services to our customers. Plan and execute on order mobilization readiness, force protection and contingency operations. Plan and execute the transformation of the installation that supports the Stryker Brigade Combat Team; maintain and improve infrastructure and training areas; sustain strong community relations; and provide for the Well-Being of The Army Family into the 21st Century.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Wainwright Alaska

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $635,731, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Wainwright Alaska	Barracks Complex Renewal-Santiago Road

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	46789	Auth 30,912 Approp 30,912

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				21,987
BARRACKS	m2 (SF)	4,896 (52,700)	2,705	(13,245)
Company Operations Building	m2 (SF)	3,302 (35,542)	2,588	(8,546)
Building Information Systems	LS	--	--	(196)
SUPPORTING FACILITIES				5,656
Electric Service	LS	--	--	(829)
Water, Sewer, Gas	LS	--	--	(827)
Steam And/Or Chilled Water Dist	LS	--	--	(193)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,590)
Storm Drainage	LS	--	--	(25)
Site Imp(585) Demo( )	LS	--	--	(585)
Information Systems	LS	--	--	(391)
Antiterrorism/Force Protection	LS	--	--	(220)
Other	LS	--	--	(996)
ESTIMATED CONTRACT COST				27,643
CONTINGENCY PERCENT (5.00%)				1,382
SUBTOTAL				29,025
SUPV, INSP & OVERHEAD (6.50%)				1,887
TOTAL REQUEST				30,912
TOTAL REQUEST (ROUNDED)				31,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a barracks complex including barracks and four company operations facilities. Connect energy monitoring and control systems (EMCS)in each of the facilities. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; erosion control measures; information systems; and site improvements. Heating will be from a central energy plant. Anti-terrorism/force protection (AT/FP) measures will be provided by structural reinforcement, special windows and doors, and site measures. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

11. REQ: 1,537 PN ADQT: 1,223 PN SUBSTD: 314 PN

PROJECT: Construct a standard-design 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 144 soldiers.

CURRENT SITUATION: The existing gang latrine barracks are nearly 50 years old and are rapidly deteriorating. The existing operational facilities are too small and located in the barracks.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex Renewal-Santiago Road	46789

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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $4M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Wainwright, AK. Upon completion of this project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 170 personnel 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	MAR 2003
(b) Percent Complete As Of January 2004	45.00
(c) Date 35% Designed	NOV 2003
(d) Date Design Complete	AUG 2004
(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 Wainwright

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

	($000)
(a) Production of Plans and Specifications	300
(b) All Other Design Costs	2,875
(c) Total Design Cost	3,175
(d) Contract	2,080
(e) In-house	1,095

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex Renewal-Santiago Road	46789

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... FEB 2005

(6) Construction Completion..... SEP 2006

Installation Engineer: Mr. Mike Meeks
Phone Number: (907) 384-3000

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Wainwright Alaska	Barracks Complex - Lorraine Road

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	47125	Auth 39,815 Approp 39,815

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				26,658
BARRACKS	m2 (SF)	5,023 (54,067)	2,888	(14,506)
COMMUNITY BUILDING	m2 (SF)	672 (7,233)	3,353	(2,253)
BATTALION HEADQUARTERS	m2 (SF)	1,757 (18,912)	2,685	(4,718)
BATTALION HEADQUARTERS	m2 (SF)	1,757 (18,912)	2,685	(4,718)
Building Information Systems	LS	--	--	(463)
SUPPORTING FACILITIES				8,947
Electric Service	LS	--	--	(686)
Water, Sewer, Gas	LS	--	--	(950)
Steam And/Or Chilled Water Dist	LS	--	--	(288)
Paving, Walks, Curbs & Gutters	LS	--	--	(3,089)
Storm Drainage	LS	--	--	(16)
Site Imp(570) Demo(1,163)	LS	--	--	(1,733)
Information Systems	LS	--	--	(340)
Antiterrorism/Force Protection	LS	--	--	(92)
Other	LS	--	--	(1,753)
ESTIMATED CONTRACT COST				35,605
CONTINGENCY PERCENT (5.00%)				1,780
SUBTOTAL				37,385
SUPV, INSP & OVERHEAD (6.50%)				2,430
TOTAL REQUEST				39,815
TOTAL REQUEST (ROUNDED)				40,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a barracks complex including barracks, soldier community building, and battalion headquarters. Connect energy monitoring and control systems (EMCS) in all facilities. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm system; paving, walks, curbs and gutters; parking; recreational areas; demolition with removal of asbestos materials; utility demolition; relocation and extension of water distribution; relocation and extension of sanitary and storm water sewerage; information systems; and site improvements. Support facility costs are high due to extensive demolition. Heat will be supplied by the coal-fired central heating and power plant. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Demolish 2 buildings (68,400 SF).

11. REQ: 1,537 PN ADQT: 1,223 PN SUBSTD: 314 PN

PROJECT: Construct a standard-design barracks complex. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004
3.INSTALLATION AND LOCATION		
Fort Wainwright, Alaska		
4.PROJECT TITLE		5.PROJECT NUMBER
Barracks Complex - Lorraine Road		47125

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum barracks utilization is 144 soldiers.
CURRENT SITUATION: The existing gang latrine barracks are old and are severely deteriorated, 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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $4M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Wainwright, AK. Upon completion of this project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 170 personnel 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..... MAR 2003
(b) Percent Complete As Of January 2004..... 65.00
(c) Date 35% Designed..... AUG 2003
(d) Date Design Complete..... APR 2004
(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 Wainwright

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Lorraine Road	47125

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	783
(b) All Other Design Costs.....	1,917
(c) Total Design Cost.....	2,700
(d) Contract.....	2,200
(e) In-house.....	500

(4) Construction Contract Award.....	FEB 2005
(5) Construction Start.....	APR 2005
(6) Construction Completion.....	NOV 2006

Installation Engineer: Mr. Mike Meeks
Phone Number: (907) 384-3000

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Wainwright Alaska	Combined Arms Collective Training Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	179	56693	Auth 21,732 Approp 21,732

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				11,950
Monolithic Dome	m2 (SF)	386 (4,155)	1,073	(414)
Embassy	m2 (SF)	1,099 (11,831)	1,265	(1,390)
2-Story Office	m2 (SF)	614 (6,609)	1,412	(867)
Service Station	m2 (SF)	154.60 (1,664)	1,886	(292)
Convenience Store	m2 (SF)	92 (990.28)	2,079	(191)
Total from Continuation page				(8,796)
SUPPORTING FACILITIES				7,484
Electric Service	LS	--	--	(2,742)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,120)
Storm Drainage	LS	--	--	(168)
Site Imp(2,907) Demo( )	LS	--	--	(2,907)
Information Systems	LS	--	--	(547)
ESTIMATED CONTRACT COST				19,434
CONTINGENCY PERCENT (5.00%)				972
SUBTOTAL				20,406
SUPV, INSP & OVERHEAD (6.50%)				1,326
TOTAL REQUEST				21,732
TOTAL REQUEST (ROUNDED)				22,000
INSTALLED EQT-OTHER APPROP				(5,549)

10.Description of Proposed Construction Construct a 24 structure Combined Arms Collective Training Facility (CACTF), to include all the requirements of the venue; roads, false power/communication lines, tunnels, rubbled structures and effects. Project includes After Action Report (AAR) facility, control tower, latrines, range operations center, warm-up facility, fire breaks, and exterior lighting. Range will be laid out in a 1.5 KM by 1.5 KM square, allowing for future expansion/addition. Support facilities costs are high due to the electrical power supply and earthwork required for this range.

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

PROJECT: Construct a standard Combined Arms Collective Training Facility (CACTF)in the Donnelly Training Area. (New Mission)

REQUIREMENT: This project is required to provide urban combat training facilities for units of the US Army Alaska (USARAK), as well as Reserve, National Guard units and visiting units. The facility will provide venues for the training and practice of tactics and techniques for urban operations under simulated combat conditions.

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
3-Story Hotel	m2 (SF)	1,027 (	11,049)	1,591	(1,633)
Police Station	m2 (SF)	337 (	3,627)	1,717	(579)
Church	m2 (SF)	182.60 (	1,965)	1,618	(295)
Radio Station	m2 (SF)	57.80 (	622.15)	2,027	(117)
Bank Building	m2 (SF)	107 (	1,152)	2,629	(281)
2-Story Townhouse	m2 (SF)	803 (	8,643)	1,447	(1,162)
1-Story Residences	m2 (SF)	1,326 (	14,273)	1,870	(2,480)
1-Story School	m2 (SF)	766 (	8,245)	1,292	(990)
Power Station	m2 (SF)	26 (	279.86)	2,102	(55)
Fire Station	m2 (SF)	130.80 (	1,408)	2,189	(286)
Hospital/Clinic	m2 (SF)	234 (	2,519)	2,621	(613)
Building Information Systems	LS	--		--	(305)
				Total	8,796

CURRENT SITUATION: At present, USARAK does not have facilities in Alaska that conform to the current CACTF standards. Expansion of the military operations on urbanized terrain (MOUT) in Fort Wainwright is not feasible due to land constraints. USARAK does not possess the facilities to provide leaders and/or commanders with a combined arms collective training scenario to evaluate unit urban operations proficiency.

IMPACT IF NOT PROVIDED: If this project is not provided, units of USARAK will be unable to acquire and maintain the standard of proficiency now required for units operating in urban environments. Proficiency in such tactics 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 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. 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.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Combined Arms Collective Training Facility	56693

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 2002
(b) Percent Complete As Of January 2004..... 40.00
(c) Date 35% Designed..... DEC 2003
(d) Date Design Complete..... NOV 2004
(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 Lewis

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

(a) Production of Plans and Specifications..... 928
(b) All Other Design Costs..... 1,777
(c) Total Design Cost..... 2,705
(d) Contract..... 890
(e) In-house..... 1,815

(4) Construction Contract Award..... FEB 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... OCT 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
TARGETRY	OPA	2006	5,353
Info Sys - ISC	OPA	2006	196
		TOTAL	5,549

Installation Engineer: Mr. Mike Meeks
Phone Number: 907-384-3000

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
California		Fort Irwin (FORSCOM/SWRO)				37
	45190	Command and Control Facility	21,000	21,000	C	39
	48606	Land Acquisition Ph 2	14,500	14,500	C	42
	57519	CIDC Field Operations Building	2,600	2,600	C	46
		Subtotal Fort Irwin PART I	$ 38,100	38,100		
		* TOTAL MCA FOR California	$ 38,100	38,100		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Irwin California	US Army Forces Command (Installation Mgt Agency, Southwest Region)	1.27

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	693	4230	607	0	0	0	635	5208	3249	14,622
B. END FY 2009	758	4147	632	0	0	0	647	5212	3359	14,755

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	257,515 ha (636,331 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,288,417
C. AUTHORIZATION NOT YET IN INVENTORY.....		155,556
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		38,100
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		4,100
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		411,066
H. GRAND TOTAL.....		2,897,239

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
131	45190	Command and Control Facility	21,000	01/2003	09/2004
912	48606	Land Acquisition Ph 2	14,500	07/2002	09/2004
141	57519	CIDC Field Operations Building	2,600	08/2003	09/2004
		TOTAL	38,100		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
722	Expand RPR Dining Halls	4,100
	TOTAL	4,100

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 147

10. MISSION OR MAJOR FUNCTIONS:

The mission of the National Training Center and Fort Irwin is to provide tough, realistic, combined arms and services joint training for brigades and regiments in a mid- to high- intensity environment, while retaining the training feedback and analysis focus at battalion/task force level. It also provides a data source for training, doctrine, organization, and equipment improvements.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Irwin California

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $146,512, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Irwin California	Command and Control Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	131	45190	Auth 21,000 Approp 21,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				15,645
Command & Control Bldg	m2 (SF)	6,420 (69,100)	2,329	(14,953)
Antiterrorism Force Protection	LS	--	--	(235)
Building Information Systems	LS	--	--	(457)
SUPPORTING FACILITIES				3,721
Electric Service	LS	--	--	(1,278)
Water, Sewer, Gas	LS	--	--	(303)
Paving, Walks, Curbs & Gutters	LS	--	--	(275)
Storm Drainage	LS	--	--	(21)
Site Imp(1,093) Demo(252)	LS	--	--	(1,345)
Information Systems	LS	--	--	(219)
Antiterrorism/Force Protection	LS	--	--	(280)
ESTIMATED CONTRACT COST				19,366
CONTINGENCY PERCENT (5.00%)				968
SUBTOTAL				20,334
SUPV, INSP & OVERHEAD (5.70%)				1,159
TOTAL REQUEST				21,493
TOTAL REQUEST (ROUNDED)				21,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Command and Control facility for the National Training Center (NTC), including an information processing center and communications center. Supporting facilities include utilities; electric service; exterior lighting; backup power plant; uninterrupible power supply (OPA funded), photovoltaic power production panels, fire protection and alarm systems; security fencing and gates; paving, walks, curbs and gutters; parking; storm drainage; storm sewer; information systems, and site improvements. Heating, air conditioning (230 tons) and ventilation will be provided. Access for persons with disabilities will be provided. Comprehensive interior design services are required. Anti-terrorism/force protection (AT/FP) measures include laminated glass, parking, and traffic control features. Demolish two Korean War-era facilities (9,500 SF).

11. REQ: 6,420 m2 ADQT: NONE SUBSTD: 2,378 m2

PROJECT: Construct a Command and Control facility. (Current Mission)

REQUIREMENT: This project is required for the Controller Personnel working at the Training Assistance Facility (TAF) to support the Operations Group with After Action Reviews. It provides command and control of field operations and enables deployment of a new instrumentation system. The new facility must be

REQUIREMENT: (CONTINUED)
functional prior to the arrival of this FY 2006 system. Construction allows the NTC's Leader Trainer Program (LTP) to meet requirements to train future commanders via simulation of combat scenarios. An uninterruptible power supply (UPS)is required to maintain computer control of Live Fire exercises during power outages. The project allows the Operations Group to vacate modular facilities and consolidate.

CURRENT SITUATION: Fort Irwin has no permanent buildings available for this mission. The Operation Group's Training Assistance Facility is in a building significantly undersized and results in poor working conditions. The Commander of Operations Group is currently in a wooden semi-permanent facility. This project will consolidate the command function of the Operations Group into one facility. Further, the price of electric power in California has risen 30 percent in the last year. A photovoltaic power production system, approximately 14kW in size, is part of the project to help offset peak power demand and usage charges.

IMPACT IF NOT PROVIDED: If this project is not provided, the Training Assistance Facility will not allow the field trainers to conduct quality After-Action Reviews with proper materials. Failure to construct jeopardizes NTC Instrumentation system fielding in FY 2006.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JAN 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... SEP 2004
(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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Irwin, California

4.PROJECT TITLE	5.PROJECT NUMBER
Command and Control Facility	45190

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a)	Production of Plans and Specifications.....	1,000
(b)	All Other Design Costs.....	300
(c)	Total Design Cost.....	1,300
(d)	Contract.....	
(e)	In-house.....	1,300

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... FEB 2005

(6) Construction Completion..... SEP 2006

Installation Engineer: LTC Jeffrey Ogden
Phone Number: (760) 380-3433

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Irwin California	Land Acquisition Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
78018A	912	48606	Auth 14,500 Approp 14,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				7,991
Buy Private Lands	ha (AC)	4,791 (11,840)	988.42	(4,736)
Purchase Iron Mine	ha (AC)	1,578 (3,900)	1,901	(3,000)
Pump Station, Potable	EA	1 --	250,000	(250)
Environmental Test Facility	m2 (SF)	9.29 (100)	538.21	(5)
SUPPORTING FACILITIES				5,850
Electric Service	LS	--	--	(11)
Site Imp(5,556) Demo( )	LS	--	--	(5,556)
Antiterrorism/Force Protection	LS	--	--	(283)
ESTIMATED CONTRACT COST				13,841
CONTINGENCY PERCENT (2.20%)				305
SUBTOTAL				14,146
SUPV, INSP & OVERHEAD (2.50%)				354
TOTAL REQUEST				14,500
TOTAL REQUEST (ROUNDED)				14,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

This is the second phase of a land acquisition program for Fort Irwin. Phase I was a $19 million FY00 land acquisition project (#16895). Phase II continues the process of obtaining maneuver training lands and begins fencing and improving obtained lands, as well as marking of utility lines. Follow-on phases will be programmed for further improvements and land acquisitions. The contingency (5%) and supervision, inspection and overhead (5.7%) costs are applied only to the construction (not mine and land purchases) portion of this project. The percentages shown in the line-item table above result when these amounts are averaged against the entire project. Supporting facility costs are high due to extensive fencing requirements.

11. REQ: 223,387 ha ADQT: 145,161 ha SUBSTD: 114,931 ha

PROJECT: Purchase/transfer approximately 11,840 acres of privately-owned land, state and local land. Transfer adjacent Bureau of Land Management land to Fort Irwin. Construct fence boundaries, an air test facility and pump station. Mark utility lines. Close an active iron mine. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004
3.INSTALLATION AND LOCATION		
Fort Irwin, California		
4.PROJECT TITLE		5.PROJECT NUMBER
Land Acquisition Ph 2		48606

REQUIREMENT: The National Training Center (NTC) requires 552,000 acres of maneuver area to effectively train brigades. The project would allow the NTC to use a 2nd full East-West Corridor for conduct of Force-on-Force exercises with Rotational Task Forces. This will provide more realistic zones of operation and allow the establishment of more realistic combat lines of communication. Mandatory conservation mitigation in the use of the land includes: desert tortoise fencing and provision for lost tortoise habitat; cultural resource protection measures; and safety barriers and signs at installation boundaries and desert springs.

CURRENT SITUATION: At present, 358,700 acres is available for training of rotational units at Fort Irwin. Due to terrain configurations, the NTC is restricted to a single East-West corridor for conducting Force-on-Force training. Constant use of the East-West corridor has resulted in terrain familiarity by rotational units and deterioration of terrain features. In efforts to alleviate these concerns, training scenarios are sometimes written in an unrealistic manner to achieve training objectives. Terrain restrictions make it impossible to realistically portray the depth of today's expected battlefield environment. These restrictions preclude both realistic resupply activities being accomplished without interrupting the rotational training, and the emplacement of supply and staging areas at realistic distances from maneuver areas to provide for a true evaluation of resupply activities. Currently, the opposing force (OPFOR) must be staged in locations that are not in accordance with doctrine. This not only constrains OPFOR maneuverability but denies training units realistic intelligence collection activities. As a result, training units' intelligence collection is sometimes simulated or provided by the Controller Personnel which downgrades the value of the training received at the NTC. The current lack of appropriate width within existing training corridors severely restricts the ability of a unit to maneuver and minimizes opportunities for a brigade to participate in an envelopment or turning movement. Major changes in direction of movement are also restricted. Units are required to artificially move to other corridors or conduct operations over the same terrain. Currently 284,000 acres of land are unavailable for maneuver training because its grade is greater than 20 percent, rendering track vehicles useless; environmental restrictions (endangered species, wetlands, etc.); or is incompatibly used by other federal agencies (e.g., National Aeronautical Space Agency (NASA), Air Force).

IMPACT IF NOT PROVIDED: If this project is not provided, the lands procured under Phase I cannot be used for training. Future Phases III and IV of the land acquisition cannot be implemented, either.

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 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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Irwin, California

4.PROJECT TITLE	5.PROJECT NUMBER
Land Acquisition Ph 2	48606

ADDITIONAL: (CONTINUED)
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. 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:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	JUL 2002
(b)	Percent Complete As Of January 2004	35.00
(c)	Date 35% Designed	DEC 2003
(d)	Date Design Complete	SEP 2004
(e)	Parametric Cost Estimating Used to Develop Costs	YES

(f) Type of Design Contract: N/A

(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	75
(b)	All Other Design Costs	725
(c)	Total Design Cost	800
(d)	Contract	
(e)	In-house	800

(4)	Construction Contract Award	DEC 2004
(5)	Construction Start	FEB 2005
(6)	Construction Completion	SEP 2007

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Irwin, California	
4.PROJECT TITLE	5.PROJECT NUMBER
Land Acquisition Ph 2	48606

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: JEFFREY S. OGDEN
Phone Number: 760-380-3433

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Irwin California	CIDC Field Operations Building

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91520A	141	57519	Auth 2,600 Approp 2,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				1,958
CIDC Field Operations Building	m2 (SF)	856.75 (9,222)	1,997	(1,711)
Antiterrorism/Force Protection	m2 (SF)	856.75 (9,222)	16.83	(14)
IDS Installation	LS	--	--	(20)
Engy Mgt Ctrl Sys Connect	LS	--	--	(15)
Carport w/solar panels	EA	1 --	111,044	(111)
Building Information Systems	LS	--	--	(87)
SUPPORTING FACILITIES				365
Electric Service	LS	--	--	(99)
Water, Sewer, Gas	LS	--	--	(24)
Paving, Walks, Curbs & Gutters	LS	--	--	(74)
Site Imp(64) Demo( )	LS	--	--	(64)
Information Systems	LS	--	--	(64)
Antiterrorism/Force Protection	LS	--	--	(40)
ESTIMATED CONTRACT COST				2,323
CONTINGENCY PERCENT (5.00%)				116
SUBTOTAL				2,439
SUPV, INSP & OVERHEAD (5.70%)				139
TOTAL REQUEST				2,578
TOTAL REQUEST (ROUNDED)				2,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design Criminal Investigation Command (CIDC) field operations building. Project includes administrative space, a polygraph suite, arms room, a secured evidence depository, fire protection and alarm systems, suspect isolation areas, observation and interview areas with acoustic separation, photo identification and fingerprint room, property and supply storage. Install an intrusion detection system (IDS). Connect to an energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; security lighting; lightning protection; sanitary sewers; storm drainage; access roads; paving; walks, curbs, and gutters; parking; refuse handling enclosure; fencing and gates; information systems; and site improvements. Anti-terrorism/force protection (AT/FP) measures will include siting distances, maintaining appropriate vehicle stand-off distances, and security fencing and gates. Access for persons with disabilities will be provided. Heating (gas-fired) and air conditioning (30 tons) will be provided by self-contained systems. For protective security, a metal-clad door on the evidence depository, with 24-hour lighting, will be provided. Reverse Osmosis water line and connection is required for drinking water within the facility. The facility will also have photovoltaic panels attached to the facility which shall generate Green

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
Power. Air Conditioning (Estimated 106 kWr).

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11. REQ: 867 m2 ADQT: NONE SUBSTD: 321 m2
PROJECT: Construct a standard-design, CIDC field operations building. (Current Mission)
REQUIREMENT: This project is required to provide adequate operating facilities for a Resident Agency of the US Army Criminal Investigation Command. This organization requires special purpose space such as a suspect holding area, interview rooms, polygraph room, evidence depository and vehicle evidence processing area to perform its mission. The mission is similar to that of police detective bureaus, and is performed by highly skilled military and civilian investigators.
CURRENT SITUATION: The Resident Agency shares space in a semi-permanent office trailer with the Provost Marshal's office. The overall layout is non-functional; inefficient and too small for daily operations. The lack of a suspect waiting room, interview rooms, a suspect line-up room, and adequate office space, makes obtaining testimony, maintaining confidentiality, and maintaining the necessary suspect, victim, and witness separation very difficult. This has a detrimental effect on the ability of the Resident Agency to conduct investigations, prosecute criminals and ensure the safety of victims and witnesses. The reliability and speed of the sensitive polygraph examination is also affected by temperature extremes and extraneous noise in the working environment. The facility is cold and drafty in the winter and in the summer is so hot that electronic equipment overheats. The lack of a vehicle processing area to collect evidence and secure vehicles that are retained as evidence increases the difficulty of orchestrating effective investigations. The current facility does not have an arms room, conference/training room or space to adequately prepare evidence for storage or shipment.
IMPACT IF NOT PROVIDED: The Resident Agency will continue to operate in overcrowded conditions in a facility that does not meet CIDC operational requirements. Victim, witness, and suspect processing will continue to be hampered - with the potential for adverse effects on criminal prosecution. Failure to provide adequate facilities lowers both the morale and productivity of a small, overworked, highly-skilled force and is not conducive to soldiers' welfare.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Irwin, California

4.PROJECT TITLE	5.PROJECT NUMBER
CIDC Field Operations Building	57519

ADDITIONAL: (CONTINUED)
project engineering design was used to develop this budget estimate. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... AUG 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... SEP 2004
(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 Huachuca

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

(a) Production of Plans and Specifications..... 140
(b) All Other Design Costs..... 130
(c) Total Design Cost..... 270
(d) Contract.....
(e) In-house..... 270

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... FEB 2005

(6) Construction Completion..... APR 2006

Installation Engineer: LTC JEFFREY S. OGDEN
Phone Number: 760-380-3433

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Colorado		Fort Carson (FORSCOM/NWRO)				51
	52842	Digital Multipurpose Training Range	33,000	33,000	C	53
	53608	Barracks Complex - Hospital Area	14,108	14,108	C	58
		Subtotal Fort Carson PART I	$ 47,108	47,108		
		* TOTAL MCA FOR Colorado	$ 47,108	47,108		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Carson Colorado	US Army Forces Command (Installation Mgt Agency, Northwest Region)	1.11

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1614	12812	1686	8	29	0	48	209	2591	18,997
B. END FY 2009	1610	12527	1697	8	26	0	48	209	2591	18,716

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	151,075 ha (373,313 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,001,104
C. AUTHORIZATION NOT YET IN INVENTORY.....		151,663
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		47,108
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		63,200
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		272,261
H. GRAND TOTAL.....		3,535,336

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	53608	Barracks Complex - Hospital Area	14,108	02/2003	11/2004
178	52842	Digital Multipurpose Training Range	33,000	02/2003	02/2005
		TOTAL	47,108		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
179	Military Operations on Urbanized Terrain	28,000
179	Multipurpose Machine Gun Range	2,700
141	Airfield Arrival/Departure Facility Ph 1	30,000
179	Shoothouse	1,250
178	Shoothouse (USASOC)	1,250
	TOTAL	63,200
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		328

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Carson Colorado

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
Carson is prepared for mobilization.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $328,392, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Carson Colorado	Digital Multipurpose Training Range

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	33,000
22212A	178	52842	Approp	33,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				18,237
General Instruction Building	m2 (SF)	74.32 (800)	1,187	(88)
Obstacle Breach Site	EA	3 --	2,140	(6)
Stationary Armor Empl. (SAT)	EA	100 --	22,724	(2,272)
After Action Review Building	m2 (SF)	240.80 (2,592)	1,108	(267)
Infantry Moving Target (MIT)	EA	45 --	7,625	(343)
Total from Continuation page				(15,261)
SUPPORTING FACILITIES				11,488
Electric Service	LS	--	--	(2,948)
Water, Sewer, Gas	LS	--	--	(89)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Storm Drainage	LS	--	--	(74)
Site Imp(8,084) Demo(136)	LS	--	--	(8,220)
Information Systems	LS	--	--	(87)
ESTIMATED CONTRACT COST				29,725
CONTINGENCY PERCENT (5.00%)				1,486
SUBTOTAL				31,211
SUPV, INSP & OVERHEAD (5.70%)				1,779
TOTAL REQUEST				32,990
TOTAL REQUEST (ROUNDED)				33,000
INSTALLED EQT-OTHER APPROP				(19,233)

10.Description of Proposed Construction

Construct a standard-design digital multi-purpose range complex (DMPRC) at existing Ranges 143 and 147. Primary facilities consist of an after action review (AAR) building, enclosed dining facility, general instruction building, ammunition loading dock, and information systems facility. The range includes roads with moving and stationary infantry targets; evasive-capable armor moving targets; stationary armor targets; single point controller; turret down defilade positions; and hull down defilade positions. Retain existing shower and latrine, troop barracks, range maintenance, helipad, administrative, vehicle parking, and some of the Range 143 existing firing routes, targetry, and underground power capabilities. Renovate the control tower on Range 143. Other range requirements include three breach sites. Due to expansive soils at Fort Carson, special foundations will be planned. Other range facilities will include tank trails, service roads, turning pads and water crossings, secondary power and data distribution systems, heated and illuminated limit markers, berms and synchronization ramps/pads. Heating and air conditioning (20 tons) will be provided by a self-contained system. Supporting facilities include updating the existing main electrical supply system, adding to the existing internal range water and sewage systems, installation of fiber optic downrange communications

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Stationary Infantry Target (SIT	EA		166	--	2,446	(406)
Turret Down Defilades	EA		6	--	23,872	(143)
Flagpole w/Light	EA		1	--	5,836	(6)
Camera Towers	EA		3	--	4,623	(14)
Data Cabling	m	(LF)	47,088	(154,488)	17.42	(820)
Plumb & Sync Stations	EA		2	--	8,050	(16)
Data Junction Box	EA		221	--	1,693	(374)
Special Foundations	m2	(SF)	. 9	(1)	538,889	(49)
Transformer	EA		3	--	48,984	(147)
AT/FP	m	(LF)	542.54	(1,780)	103.58	(56)
Information System Fac	m2	(SF)	185.81	(2,000)	1,158	(215)
Ammunition Loading Dock	m2	(SF)	24.90	(268)	842.73	(21)
Lighted Range Limit Markers	EA		8	--	2,667	(21)
Trails, Roads & Parking	m3	(CY)	42,143	(55,121)	135.49	(5,710)
Turning Pads	EA		15	--	8,050	(121)
Dual Sex Latrine	m2	(SF)	32.52	(350)	2,501	(81)
Renovate Ammunition Dock	EA		1	--	9,114	(9)
AMTC Emplacement w/Shelter	EA		15	--	153,495	(2,302)
Hull Down Defilades	EA		24	--	81,183	(1,948)
Culverts	EA		46	--	36,298	(1,670)
Downrange Electrical Distributi	m	(LF)	17,328	(56,850)	59.74	(1,035)
Power Road Crossing	m2	(SY)	194.82	(233)	63.09	(12)
Building Information Systems	LS			--	--	(85)
					Total	15,261

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
capability, a minimal number of additional phone lines, and drainage improvements. Supporting costs are high due to unusual site conditions (underground shale rock and the requirement to reduce an existing raised topographical feature). Targetry, after action report equipment, training data collection, digital range C3 enhancement, and single point controller will be funded by other procurement, Army (OPA). Anti-terrorism/force protection (AT/FP) features will be provided for the AAR, general instruction, and dining facilities, and will include laminated exterior glass and appropriate vehicle parking setbacks. Demolish one building (8,000 SF).

---

11. REQ: 3 LN ADQT: NONE SUBSTD: NONE
PROJECT: Construct a standard-design digital multi-purpose range complex. (Current Mission)
REQUIREMENT: This DMPRC is required to provide digitally enhanced combat

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Carson, Colorado	
4.PROJECT TITLE	5.PROJECT NUMBER
Digital Multipurpose Training Range	52842

REQUIREMENT: (CONTINUED)
platforms with all the constituent elements featured in force XXI digital warfighting operations at Fort Carson, support which the existing MPRC cannot provide. Provide extended breadth and depth of crew through platoon live-fire engagements against a wide variety of rapidly reconfigurable targetry. The range is required to safely, but effectively, control lethal fires from diverse combat platforms without intrusion into unit command integrity. The range is designed to create a realistic digital environment, synthetically generating all the situational awareness and relevant common picture data for a unit's battlespace. The DMPRC must facilitate the simultaneous employment of all close combat and supporting systems contained in the emerging digital force including M1A2 System Enhancement Program (SEP) Tank, M2A3 Bradley Fighting Vehicle (BFV), Paladin Howitzers, M121 Digital Mortars with Mortar Fire Control System (JFCS), Javelin Anti-Tank System, Multiple Launched Rocket Systems (MLRS), AVENGER, and Apache Longbow and Commanche Helicopters. Moreover, the downrange area of the DMPRC must allow for the safe, simultaneous engagement by both direct and indirect fire systems in a footprint that is tactically realistic. The DMPRC must accommodate the full range of target practice and service munitions. An estimated 15,000-18,000 soldiers per year will be trained on this range. During major training operations, a sufficient number of personnel (50+) may occupy the AAR facility to classify it as a "primary gathering place" and the dining facility and general instruction facility as "inhabited structures." Therefore, exterior laminated glass and appropriate setbacks from the buildings will be provided for vehicle access and parking areas.

CURRENT SITUATION: Current range facilities cannot support current and future standard live-firing training requirements for the M1 series Tank or the M2/M3 BFV, as required by the Army Digital Training Doctrine. The current ranges do not support the advanced weapons and command and control systems being fielded by the Digitized Force. Existing ranges are not capable of processing digital information, nor do they possess the systems to provide digital situational feedback to firing vehicles and units or receive digital reports. Present targetry, although current state-of-the-art technology, will not interact with either the firing element or the Range Operations Center Command and Control System. Additionally, the dimensions of present Fort Carson live-fire complexes do not allow for the increased vehicle dispersion and longer weapons effective ranges for digital units. As the vanguard for the US Army's digitized force, Fort Carson is currently fielding and testing the equipment which will help it transform.

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a continuation of major training shortfalls for the Active Army, Army Reserve, and Army National Guard units training at Fort Carson. The mounted force cannot step forward to meet the requirements of current and future deployments without the training facility aligned to readiness for this mission. Support of armor, combined arms training strategy (CATS), regional training center

IMPACT IF NOT PROVIDED: (CONTINUED)
(RTC), and readiness of the armor force will be severely impaired. The units will not attain the degree of proficiency required for combat.
ADDITIONAL: This project has been coordinated with the installation physical security plan and no physical security measures are required. 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 principals 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 (Installation 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:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	FEB 2003
(b) Percent Complete As Of January 2004	20.00
(c) Date 35% Designed	APR 2004
(d) Date Design Complete	FEB 2005
(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 Hood

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

	($000)
(a) Production of Plans and Specifications	1,700
(b) All Other Design Costs	200
(c) Total Design Cost	1,900
(d) Contract	1,400
(e) In-house	500

(4) Construction Contract Award	MAR 2005
(5) Construction Start	APR 2005
(6) Construction Completion	DEC 2006

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Carson, Colorado	
4.PROJECT TITLE	5.PROJECT NUMBER
Digital Multipurpose Training Range	52842

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Targetry Instrumentation	OPA	2005	19,033
Info Sys - ISC	OPA	2006	200
		TOTAL	19,233

Installation Engineer: COL Hal K. Alguire
Phone Number: (719)526-3415

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Carson Colorado	Barracks Complex - Hospital Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	53608	Auth 14,108 Approp 14,108

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				9,860
Company Ops	m2 (SF)	502.14 (5,405)	1,821	(914)
Barracks	m2 (SF)	4,238 (45,616)	1,970	(8,348)
EMCS Preparation - Barracks	m2 (SF)	4,241 (45,646)	9.15	(39)
Special Foundations - Barracks	m2 (SF)	2,207 (23,752)	78.04	(172)
Special Foundations - Co Ops	m2 (SF)	502.14 (5,405)	78.04	(39)
Total from Continuation page				(348)
SUPPORTING FACILITIES				2,851
Electric Service	LS	--	--	(1,037)
Water, Sewer, Gas	LS	--	--	(253)
Paving, Walks, Curbs & Gutters	LS	--	--	(376)
Storm Drainage	LS	--	--	(261)
Site Imp(787) Demo( )	LS	--	--	(787)
Information Systems	LS	--	--	(82)
Antiterrorism/Force Protection	LS	--	--	(55)
ESTIMATED CONTRACT COST				12,711
CONTINGENCY PERCENT (5.00%)				636
SUBTOTAL				13,347
SUPV, INSP & OVERHEAD (5.70%)				761
TOTAL REQUEST				14,108
TOTAL REQUEST (ROUNDED)				14,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a barracks and a medium-size company operations facility. Supporting facilities include utilities; electric service; fire protection and alarm systems; an exterior pavilion and basketball court; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Due to expansive soils prevalent on Fort Carson, special foundations are required. Heating (natural gas) and air conditioning (100 tons for the barracks only) will be provided by individual self-contained units. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

11. REQ: 3,887 PN ADQT: 3,728 PN SUBSTD: 159 PN

PROJECT: Construct a barracks and company operations facility. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum barracks utilization is 128 soldiers.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Carson, Colorado	
4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Hospital Area	53608

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
EMCS Preparation - Co Ops	m2 (SF)	502.14 (5,405)	9.15	(5)
AT/FP	LS	--	--	(188)
IDS Preparation	LS	--	--	(4)
Building Information Systems	LS	--	--	(151)
			Total	348

CURRENT SITUATION: The existing gang latrine barracks are old 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.
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. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $1M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Carson, CO. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 31 personnel 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 2003
(b) Percent Complete As Of January 2004..... 25.00
(c) Date 35% Designed..... FEB 2004
(d) Date Design Complete..... NOV 2004
(e) Parametric Cost Estimating Used to Develop Costs YES
(f) Type of Design Contract: Design-bid-build

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Hospital Area	53608

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 Carson

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

(a)	Production of Plans and Specifications.....	780
(b)	All Other Design Costs.....	70
(c)	Total Design Cost.....	850
(d)	Contract.....	
(e)	In-house.....	850

(4) Construction Contract Award..... FEB 2005

(5) Construction Start..... MAR 2005

(6) Construction Completion..... AUG 2006

Installation Engineer: COL Hal K. Alquire
Phone Number: (719)526-3415

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Georgia		Fort Benning (TRADOC/SERO)				63
	19636	Physical Fitness Training Center	18,362	18,362	C	65
	35311	Barracks Complex - Kelley Hill/Main Post	49,565	49,565	C	68
	58960	Hazardous Cargo Loading Apron	3,850	3,850	C	71
		Subtotal Fort Benning PART I	$ 71,777	71,777		
		Fort Gillem (FORSCOM/SERO)				75
	53321	Recruiting Brigade Operations Building	5,800	5,800	C	77
		Subtotal Fort Gillem PART I	$ 5,800	5,800		
		Fort McPherson (FORSCOM/SERO)				81
	15091	Child Development Center	4,900	4,900	C	83
		Subtotal Fort McPherson PART I	$ 4,900	4,900		
		Fort Stewart (FORSCOM/SERO)				87
	42039	Command and Control Facility	24,695	24,695	C	89
	56223	Tactical Equipment Complex	10,200	10,200	C	92
	57803	Chapel	9,500	9,500	C	95
	60358	Aircraft Maintenance Hanger (SOF)	21,100	21,100	C	99
	60408	Barracks Complex-5th & 16th St Ph 2	0	32,950	C	102
		Subtotal Fort Stewart PART I	$ 65,495	98,445		
		* TOTAL MCA FOR Georgia	$ 147,972	180,922		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Benning Georgia	US Army Training and Doctrine Command (Installation Mgt Agency, Southeast Region)	0.80

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1340	9917	2818	1216	13964	1	60	573	4739	34,628
B. END FY 2009	1361	10215	2785	1105	14106	0	46	573	4715	34,906

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	74,629 ha (184,412 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,574,299
C. AUTHORIZATION NOT YET IN INVENTORY.....		361,992
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		71,777
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		7,896
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		320,780
H. GRAND TOTAL.....		4,336,744

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
740	19636	Physical Fitness Training Center	18,362	05/2003	05/2005
721	35311	Barracks Complex - Kelley Hill/Main Post	49,565	02/2003	06/2004
113	58960	Hazardous Cargo Loading Apron	3,850	04/2003	06/2004
		TOTAL	71,777		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
178	Multipurpose Training Range	2,400
178	Infantry Platoon Battle Course	3,000
179	SOF Shoothouse	1,248
179	USAIS Shoothouse	1,248
	TOTAL	7,896

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 671

10. MISSION OR MAJOR FUNCTIONS:

Provides support and facilities for the US Army Infantry Center and School, major combat and combat support forces, Martin US Army Hospital, other tenant and satellited activities and units, and Reserve

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Benning Georgia

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
Components Training.

---

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $671,222, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Physical Fitness Training Center

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	740	19636	Auth 18,362 Approp 18,362

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				13,067
Physical Fitness Trng Center	m2 (SF)	9,378 (100,948)	1,290	(12,101)
Administrative Facility	m2 (SF)	362.88 (3,906)	1,490	(541)
EMCS Connection	m2 (SF)	9,741 (104,854)	13.13	(128)
Antiterrorism/Force Protection	m2 (SF)	9,741 (104,854)	27.45	(267)
Building Information Systems	LS	--	--	(30)
SUPPORTING FACILITIES				2,874
Electric Service	LS	--	--	(430)
Water, Sewer, Gas	LS	--	--	(99)
Paving, Walks, Curbs & Gutters	LS	--	--	(315)
Storm Drainage	LS	--	--	(210)
Site Imp(787) Demo(888)	LS	--	--	(1,675)
Information Systems	LS	--	--	(33)
Antiterrorism/Force Protection	LS	--	--	(112)
ESTIMATED CONTRACT COST				15,941
CONTINGENCY PERCENT (5.00%)				797
SUBTOTAL				16,738
SUPV, INSP & OVERHEAD (5.70%)				954
DESIGN/BUILD - DESIGN COST				670
TOTAL REQUEST				18,362
TOTAL REQUEST (ROUNDED)				18,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard design physical fitness center with natatorium. As a stand alone building or an appendage to the standard design, construct a headquarters with classroom building to support the Army Physical Fitness School. Supporting facilities include utilities; electric service; fire protection and alarm systems; access drive; paving, walks, curbs and gutters; sanitary sewer; storm drainage; outdoor recreation areas; foot trail access to existing exterior fitness track; information systems; and site improvements. Connect to existing energy monitoring and control system (EMCS). Access for persons with disabilities will be provided. Heating and air conditioning (200 tons) will be provided by a self-contained system. Comprehensive interior design servcies are required.
Anti-terrorism/force protection (AT/FP) measures include road barriers, bollards, planters at entrances, and laminated glass. Demolish two buildings (7,501 m2). Demolition will include removal of hazardous materials.

11. REQ: 19,417 m2 ADQT: 7,746 m2 SUBSTD: 4,442 m2

PROJECT: Construct a physical fitness training center with natatorium, and a headquarters with classroom building. (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Physical Fitness Training Center	19636

REQUIREMENT: This project is required to support the individual soldier's need to maintain personal fitness; to train soldiers through athletic training, physical conditioning, and competitive sports; to meet the off-duty recreational needs of soldiers and their family members; and will support the physical fitness development mission of the US Army Physical Fitness School.
CURRENT SITUATION: Currently an inadequate pre-Korean War vintage field house and four brigade gymnasiums along with a converted 200-man classroom within a general instruction building are the only permanent facilities designed, constructed or converted for physical fitness training at Fort Benning. Other facilities on post are presently diverted for physical training use, such as the US Army Physical Fitness School utilizing space in a brigade gymnasium and a 200-man classroom converted to a weight room. Existing facilities are small, dispersed, and inadequate space is available to support the necessary physical training activities.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Benning will not be able to adequately provide the physical fitness facilities and training required, along with quality of life support for active duty soldiers, family members, retired military, satellites units, and civilian workforce. Existing overtaxed facilities will continue requiring significant maintenance.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the best method to satisfy the requirement. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAY 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... MAY 2005
(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:

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Physical Fitness Training Center	19636

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Stewart

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

(a)	Production of Plans and Specifications.....	500
(b)	All Other Design Costs.....	400
(c)	Total Design Cost.....	900
(d)	Contract.....	550
(e)	In-house.....	350

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... APR 2005

(6) Construction Completion..... DEC 2006

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

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

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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Barracks Complex - Kelley Hill/Main Post

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	721	35311	Auth 49,565 Approp 49,565

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				34,260
Barracks Buildings - Kelly Hill	m2 (SF)	15,233 (163,968)	1,327	(20,217)
Company Operations Building	m2 (SF)	4,572 (49,215)	1,233	(5,638)
Battalion Headquarters Building	m2 (SF)	2,584 (27,814)	1,299	(3,358)
Brigade HQ w/Gen Admin Space	m2 (SF)	2,212 (23,813)	1,245	(2,754)
EMCS Connection	m2 (SF)	23,332 (251,145)	13.56	(316)
Total from Continuation page				(1,977)
SUPPORTING FACILITIES				10,399
Electric Service	LS	--	--	(1,544)
Water, Sewer, Gas	LS	--	--	(404)
Steam And/Or Chilled Water Dist	LS	--	--	(421)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,670)
Storm Drainage	LS	--	--	(451)
Site Imp(1,960) Demo(2,909)	LS	--	--	(4,869)
Information Systems	LS	--	--	(539)
Antiterrorism/Force Protection	LS	--	--	(501)
ESTIMATED CONTRACT COST				44,659
CONTINGENCY PERCENT (5.00%)				2,233
SUBTOTAL				46,892
SUPV, INSP & OVERHEAD (5.70%)				2,673
TOTAL REQUEST				49,565
TOTAL REQUEST (ROUNDED)				50,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a barracks complex with barracks, two battalion headquarters with classroom buildings, five company operations facilities, and a brigade headquarters building. Connect to existing energy monitoring and control system (EMCS). Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; lawn sprinkler system; paving, walks, curbs and gutters; parking and access drives; traffic control devices; outdoor recreation areas; signage; dumpster; upgrade of sanitary sewer collection system and storm drainage system; information systems; borrow pit development; and site improvements. Heating and air conditioning (3,000 tons) will be provided by self-contained systems. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (476,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

11. REQ: 3,352 PN ADQT: 2,838 PN SUBSTD: 514 PN

PROJECT: Construct a barracks complex. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004
3.INSTALLATION AND LOCATION		
Fort Benning, Georgia		
4.PROJECT TITLE		5.PROJECT NUMBER
Barracks Complex - Kelley Hill/Main Post		35311

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	EA	8 --	10,020	(80)
AT/FP	m2 (SF)	24,826 (267,227)	37.78	(938)
Building Information Systems	LS	--	--	(959)
			Total	1,977

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum utilization is 456 soldiers.
CURRENT SITUATION: The existing gang latrine barracks are 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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $1M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Benning, GA. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 58 personnel 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 2003

(b) Percent Complete As Of January 2004..... 35.00

(c) Date 35% Designed..... JAN 2004

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex - Kelley Hill/Main Post	35311

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Date Design Complete..... JUN 2004
(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 Benning

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

(a)	Production of Plans and Specifications.....	2,175
(b)	All Other Design Costs.....	725
(c)	Total Design Cost.....	2,900
(d)	Contract.....	210
(e)	In-house.....	2,690

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2007

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Hazardous Cargo Loading Apron

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	113	58960	Auth 3,850 Approp 3,850

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				2,572
Aircraft Apron & Taxiway	m2 (SY)	20,903 (25,000)	79.91	(1,670)
Concrete Tank Trail	m2 (SY)	2,425 (2,900)	58.71	(142)
Crossing, Laundry Creek	EA	1 --	292,707	(293)
Paved Shoulder	m2 (SY)	16,932 (20,250)	27.57	(467)
SUPPORTING FACILITIES				902
Electric Service	LS	--	--	(276)
Storm Drainage	LS	--	--	(187)
Site Imp(407) Demo( )	LS	--	--	(407)
Information Systems	LS	--	--	(32)
ESTIMATED CONTRACT COST				3,474
CONTINGENCY PERCENT (5.00%)				174
SUBTOTAL				3,648
SUPV, INSP & OVERHEAD (5.70%)				208
TOTAL REQUEST				3,856
TOTAL REQUEST (ROUNDED)				3,850
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct hazardous cargo loading pad with a concrete surface hot loading area, a taxiway leading to Taxiway K, a box culvert drainage ditch crossing and a concrete tank trail route from the ammunition holding area to the aircraft hot loading parking area. Supporting facilities include electrical distribution; hot loading area lighting; taxiway lighting; communications; fencing and gate; storm drainage; clearing and grubbing; earthwork, borrow material and compaction of fill material; erosion control; grassing; pavement demolition; expansion of existing road width; and airfield markings/striping and signage. Supporting facilities cost are high due to extensive site clearing, borrow material required and lighting for taxiway and parking apron.

11. REQ: 20,903 m2 ADQT: NONE SUBSTD: 16,424 m2

PROJECT: Construct hazardous cargo loading pad and associated taxiway at Lawson Army Airfield (LAAF) for simultaneous loading of two aircraft with ammunition, "hot loaded" track vehicles, and other hazardous cargo. (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Hazardous Cargo Loading Apron	58960

REQUIREMENT: This project is required to provide a hazardous cargo loading area. Ammunition and Explosive Safety Standards specifies required separation distances between aircraft loading operations involving hazardous material and the Ammo Holding Area, inhabited buildings, and/or other airfield operations. Federal Aviation Administration (FAA) regulations also specify minimum safety distances and clear zones for runways, taxiways and holding areas.
CURRENT SITUATION: Fort Benning currently loads aircraft with hazardous cargo at the 33 Holding Area of LAAF. Runway 15/33 is currently being extended to 10,000 feet. Initial plans called for the northern end of the runway to be extended. However, a large portion of this site proved to be a very sensitive archeological area. Therefore the majority of the extension is being constructed at the southern end of the runway in the vicinity of the 33 Holding Area. As a result, the 33 Holding Area loading apron (19,643 SY) can no longer be used for loading hazardous cargo, since the aircraft will be within the restricted limits for aircraft operations.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Benning will not have an acceptable location to load aircraft with ammunition, explosives, hot loaded vehicles, or other hazardous cargo. There are no other areas of LAAF that meet the FAA and ammunition and explosives safety standards.
ADDITIONAL: Approval of Department of Defense Explosive Safety Board submission, being prepared, is expected. This project has been coordinated with the installation physical security plan, and no physical security measures are required. No antiterrorism/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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... JUN 2004
(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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Hazardous Cargo Loading Apron	58960

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a)	Production of Plans and Specifications.....	228
(b)	All Other Design Costs.....	75
(c)	Total Design Cost.....	303
(d)	Contract.....	
(e)	In-house.....	303

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... FEB 2005

(6) Construction Completion..... DEC 2005

Installation Engineer: Gregory S. Kuhr, Colonel, EN
Phone Number: (706) 545-2292

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Gillem Georgia	US Forces Command (Installation Mgt Agency, Southeast Region)	0.93

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	419	1462	617	0	0	0	34	48	1982	4,562
B. END FY 2009	414	1473	626	0	0	0	33	48	1995	4,589

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	0 ha	(0 AC)
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		40,800
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		5,800
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		3,500
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		32,000
H. GRAND TOTAL.....		82,100

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610	53321	Recruiting Brigade Operations Building	5,800	01/2002	07/2005
		TOTAL	5,800		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
141	USACIL Expansion	3,500
	TOTAL	3,500

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 120

10. MISSION OR MAJOR FUNCTIONS:

First US Army trains, mobilizes, and deploys Army Reserve and National Guard units in the eastern United States, Puerto Rico, and the US Virgin Islands. As directed, conducts Homeland Security (HLS) in support of national objectives.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Gillem Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $120,353, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Gillem Georgia	Recruiting Brigade Operations Building

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	610	53321	Auth 5,800 Approp 5,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				3,586
Recruiting BDE Ops Facility	m2 (SF)	2,315 (24,920)	1,444	(3,344)
Antiterrorism Force Protection	LS	--	--	(83)
IDS Installation	LS	--	--	(7)
Building Information Systems	LS	--	--	(152)
SUPPORTING FACILITIES				1,407
Electric Service	LS	--	--	(179)
Water, Sewer, Gas	LS	--	--	(95)
Paving, Walks, Curbs & Gutters	LS	--	--	(222)
Storm Drainage	LS	--	--	(82)
Site Imp(604) Demo(132)	LS	--	--	(736)
Information Systems	LS	--	--	(69)
Antiterrorism/Force Protection	LS	--	--	(24)
ESTIMATED CONTRACT COST				4,993
CONTINGENCY PERCENT (5.00%)				250
SUBTOTAL				5,243
SUPV, INSP & OVERHEAD (5.70%)				299
DESIGN/BUILD - DESIGN COST				210
TOTAL REQUEST				5,752
TOTAL REQUEST (ROUNDED)				5,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a recruiting brigade operations building with brigade operation center, computer training classroom, local area network (LAN) room, automated data processing (ADP) staging area, ADP storage room, mail room, file room, conference room, legal library, graphics art room, lunch/break room, and general purpose storage room. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; sanitary and storm sewers; information systems; and site improvements. A fenced, paved hardstand area will be provided. Heating (gas-fired) ventilation, and air conditioning (80 tons) will be provided by self-contained systems. Access for persons with disabilities will be provided in public areas. Anti-terrorism/force protection (AT/FP) measures include security fencing, gates, lighting and parking. Demolish two buildings (25,150 SF) with asbestos removal. Supporting facilities cost is high due to building demolition with asbestos abatement and site improvements, including excavation, borrow and fill, compaction and grading.

11. REQ: 2,315 m2 ADQT: NONE SUBSTD: 2,733 m2

PROJECT: Construct a recruiting brigade operations building. (Current

PROJECT: (CONTINUED)
Mission)
REQUIREMENT: This project is required to provide adequate brigade operations space for the United States 2nd Recruiting Brigade and Army Medical Detachment (AMEDD) personnel at Fort Gillem. The brigade operations space is required to support nine battalions, 51 companies, and 312 recruiting stations located in the southeastern United States, and co-locate the AMEDD Detachment personnel with the rest of the 2nd Brigade Personnel. The AMEDD is a component of the Brigade Headquarters infrastructure. The AMEDD addresses medical field recruiting and interfaces with the rest of the brigade's recruiting mission.
CURRENT SITUATION: The 2nd Brigade headquarters and AMEDD Detachment currently utilize two deteriorated, substandard, energy inefficient, World War II temporary wood buildings. The buildings have inadequate heating and ventilation.
IMPACT IF NOT PROVIDED: If this project is not provided, use of separate buildings will degrade unit cohesiveness and create inefficiencies in the performance of the mission. Personnel assigned to the 2nd Recruiting Brigade and AMEDD Detachment at Fort Gillem will continue working in substandard, energy inefficient buildings. Safety, health, and security needs will not be adequately provided. Crowded conditions in the old wood facilities constitute a fire risk and a safety hazard. Operations and Maintenance (O&M) costs will continue to rise.
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 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. 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..... JAN 2002
(b) Percent Complete As Of January 2004..... 25.00
(c) Date 35% Designed..... MAR 2004
(d) Date Design Complete..... JUL 2005
(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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Gillem, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Recruiting Brigade Operations Building	53321

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
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.....	30
(b)	All Other Design Costs.....	305
(c)	Total Design Cost.....	335
(d)	Contract.....	195
(e)	In-house.....	140

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... DEC 2006

Installation Engineer: Jim Mathis, EP&S Chief, DPW
Phone Number: 404-464-2207

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort McPherson Georgia	US Army Forces Command (Installation Mgt Agency, Southeast Region)	0.93

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	922	1081	1805	0	0	0	367	213	835	5,223
B. END FY 2009	1147	3187	1817	0	0	0	418	249	828	7,646

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	851 ha (2,104 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		1,144,673
C. AUTHORIZATION NOT YET IN INVENTORY.....		9,100
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		4,900
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		11,400
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		18,754
H. GRAND TOTAL.....		1,188,827

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
740	15091	Child Development Center	4,900	04/2002	09/2004
		TOTAL	4,900		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
740	Physical Fitness Training Center	11,400
	TOTAL	11,400

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 44

10. MISSION OR MAJOR FUNCTIONS:

Fort McPherson provides administrative and logistical support to the major land fighting Army Command --Headquarters, U.S. Army Forces Command, Third US Army/US Army Forces Central Command, the US Army Reserve Command and the First US Army.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort McPherson Georgia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $43,994, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort McPherson Georgia	Child Development Center

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
28719A	740	15091	Auth 4,900 Approp 4,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				2,831
Child Development Center	m2 (SF)	1,431 (15,400)	1,677	(2,399)
Sidewalk Canopy	m2 (SF)	46.45 (500)	625.19	(29)
Playground, General Purpose	m2 (SF)	1,839 (19,800)	169.55	(312)
Antiterrorism/Force Protection	LS	--	--	(33)
Building Information Systems	LS	--	--	(58)
SUPPORTING FACILITIES				1,603
Electric Service	LS	--	--	(176)
Water, Sewer, Gas	LS	--	--	(50)
Paving, Walks, Curbs & Gutters	LS	--	--	(135)
Storm Drainage	LS	--	--	(107)
Site Imp(951) Demo(138)	LS	--	--	(1,089)
Information Systems	LS	--	--	(12)
Antiterrorism/Force Protection	LS	--	--	(34)
ESTIMATED CONTRACT COST				4,434
CONTINGENCY PERCENT (5.00%)				222
SUBTOTAL				4,656
SUPV, INSP & OVERHEAD (5.70%)				265
TOTAL REQUEST				4,921
TOTAL REQUEST (ROUNDED)				4,900
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a standard-design child development center. Work includes playground, outdoor storage sheds, and mechanical room. Supporting facilities include utilities; electric service; fire protection, sprinkler and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; fencing; information systems; and site improvements. Heating and air conditioning will be provided by a 60-ton package unit with a gas-fired heating section. Access for persons with disabilities will be provided. Demolish 17,260 SF of facilities. Anti-terrorism/force protection (AT/FP) measures will include standoff distances and laminated glass. Comprehensive interior design services are required. The high supporting costs are due to substantial site improvements that involve the installation of retaining walls, due to site topography. This work will keep the CDC the maximum distance away from the Installation perimeter fence to meet AT/FP requirements.

11. REQ: 1,431 m2 ADQT: NONE SUBSTD: 903 m2

PROJECT: Construct a standard-design child development center (198 child capacity). (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort McPherson, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Child Development Center	15091

REQUIREMENT: This project is required to provide the full range of child development services for children six weeks to five years old. There are 5,198 families of active duty military and civilians at Fort McPherson. There is a requirement for 198 child care spaces. There are 89 filled spaces in the existing substandard facility. The current deficit is 109 total spaces with the present substandard space. The increased space can benefit the Installation by expansion of Full Day, State-partnered Pre-K and Hourly Care programs. These programs support our mission to soldiers which is to provide programs that increase Army readiness by reducing the conflict between unit mission requirements and parental responsibilities.

CURRENT SITUATION: Eighty-nine child care spaces are currently filled in a substandard facility. There is a waiting list of approximately 75 children, The majority are children of active duty soldiers. The Family Child Care (FCC) quarters based program is being implemented, but there are limited quarters available for this program. Adequate care at an affordable price on the local economy near Fort McPherson, especially infant and hourly drop-in care, is limited. If spaces are available, the high cost of the care limits or prohibits use by the lower ranking enlisted personnel, who must consider less than desirable alternatives: facilities that have lower health and safety standards than military child development centers.

IMPACT IF NOT PROVIDED: If this project is not provided, the result will be continued severe shortages of all types of child care. Military and civilian families will continue to seek more costly and/or non-accredited alternatives. The stress from uncertainties brought on because of limited and/or undependable care for their children will adversely affect commitment and morale of soldiers which will impact on mission readiness. In addition, it places military children at risk for unacceptable child care settings outside the installation.

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 (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. 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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort McPherson, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Child Development Center	15091

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 2002
(b) Percent Complete As Of January 2004..... 50.00
(c) Date 35% Designed..... NOV 2002
(d) Date Design Complete..... SEP 2004
(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:
Walter Reed Army Medical Ctr

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

(a) Production of Plans and Specifications..... 230
(b) All Other Design Costs..... 200
(c) Total Design Cost..... 430
(d) Contract..... 250
(e) In-house..... 180

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... JUL 2006

Installation Engineer: Kenneth Pugh
Phone Number: 404-464-2954

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Stewart Georgia	US Army Forces Command (Installation Mgt Agency, Southeast Region)	0.84

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1441	13279	1611	0	167	0	22	206	3045	19,771
B. END FY 2009	1438	13151	1656	0	184	0	22	206	3045	19,702

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	115,381 ha (285,111 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,746,293
C. AUTHORIZATION NOT YET IN INVENTORY.....		254,866
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		65,495
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		2,646
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		474,728
H. GRAND TOTAL.....		4,544,028

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
610	42039	Command and Control Facility	24,695	01/2003	07/2004
214	56223	Tactical Equipment Complex	10,200	05/2003	05/2005
730	57803	Chapel	9,500	02/2003	10/2004
211	60358	Aircraft Maintenance Hanger (SOF)	21,100	06/2003	09/2004
721	60408	Barracks Complex-5th & 16th St Ph 2	32,950	06/2003	05/2005
		TOTAL	98,445		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
178	Shoot House	1,248
179	Urban Assault Course	1,398
	TOTAL	2,646

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 225

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Stewart Georgia

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
Battalions, satellited activities and reserve components training.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $224,778, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Stewart Georgia	Command and Control Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	610	42039	Auth 24,695 Approp 24,695

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				17,981
Command & Control Fac.	m2 (SF)	9,831 (105,824)	1,516	(14,903)
Building 09 Upgrade	m2 (SF)	873.29 (9,400)	781.14	(682)
IDS Installation	LS	--	--	(111)
Antiterrorism/Force Protection	LS	--	--	(1,110)
EMCS Connection	LS	--	--	(364)
Building Information Systems	LS	--	--	(811)
SUPPORTING FACILITIES				4,269
Electric Service	LS	--	--	(896)
Water, Sewer, Gas	LS	--	--	(97)
Paving, Walks, Curbs & Gutters	LS	--	--	(589)
Site Imp(1,509) Demo(334)	LS	--	--	(1,843)
Information Systems	LS	--	--	(77)
Antiterrorism/Force Protection	LS	--	--	(267)
Other	LS	--	--	(500)
ESTIMATED CONTRACT COST				22,250
CONTINGENCY PERCENT (5.00%)				1,113
SUBTOTAL				23,363
SUPV, INSP & OVERHEAD (5.70%)				1,332
TOTAL REQUEST				24,695
TOTAL REQUEST (ROUNDED)				25,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Secure Command and Control Facility. This facility will include administrative areas, deployment storage, emergency operations space, secure operations area, conference rooms, latrines and break area. Raised flooring will be provided in a portion of the building. Upgrade exterior of building number 09 to match new building, and enclose existing equipment yard with brick screen. Work also includes connection to the existing energy monitoring and control system, installation of a standby power generator, and information systems. Supporting facilities include water, sewer, gas, and electric services; fire protection (including wet pipe sprinkler system), installation of intrusion alarm systems (equipment to be purchased by other approporiations); parking, access drives, sidewalks, curbs and gutters; storm drainage; information systems and site improvements, to include landscaping. Demolish seven buildings (54,395 SF). Heating will be provided by self contained units. Air conditioning (approximately 350 tons) will be provided. Access by persons with disabilities will be provided. Comprehensive interior design services are required. Anti-Terrorism/Force Protection measures include landscaping measures, reinforced concrete or reinforced masonry construction (exterior walls), hollow steel or steel-clad doors, narrow recessed laminated windows, perimeter barriers as required and

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Command and Control Facility	42039

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
an access control system.

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11. REQ: 33,842 m2 ADQT: 16,318 m2 SUBSTD: 22,083 m2
PROJECT: Construct a Secure Command and Control Facility. (Current Mission)
REQUIREMENT: This project is required to provide a safe, healthy, and productive working environment for the soldiers and staff of the 3rd Infantry Division Command. This project will consolidate the functions currently housed in various World War II buildings, spread around the installation. Consolidation of these functions into one complex will eliminate health and safety hazards, reduce coordination and transportation time, and optimize communication among staff members. There are currently no other on-post facilities available or adequate to accommodate these functions.
CURRENT SITUATION: Currently, existing World War II buildings threaten the health and safety of soldiers and civilians because of hazardous environmental contaminants (asbestos and lead based paint); electrical and fire code deficiencies; poor lighting; insufficient ventilation; inadequate air conditioning; deteriorated walls, ceilings, and roofs; and unreliable power and communication systems. None of the existing facilities provide adequate Anti-terrorism Force Protection measures. Current administrative functions are dispersed throughout a wide area in separate wood framed buildings on Fort Stewart. Several of these buildings were constructed in the early 1940's. The supporting utilities and parking areas were based on design criteria that are over 50 years old. Existing conditions contribute to overcrowded work environments, parking limitations, traffic congestion, and security/life safety concerns.
IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and civilians will continue to work in buildings that do not meet current life safety criteria, or current anti-terrorism/force protection requirements. These conditions increase the risk of injuries and accidents, threaten the well-being of staff members, and reduce productivity. The installation will continue to expend funds to maintain and operate deteriorating WWII facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Command and Control Facility	42039

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	JAN 2003
(b)	Percent Complete As Of January 2004	35.00
(c)	Date 35% Designed	DEC 2003
(d)	Date Design Complete	JUL 2004
(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	450
(b)	All Other Design Costs	300
(c)	Total Design Cost	750
(d)	Contract	450
(e)	In-house	300

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... JAN 2005

(6) Construction Completion..... JAN 2007

Installation Engineer: Hank Dangerfield
Phone Number: 912.767.1074

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Stewart Georgia	Tactical Equipment Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	214	56223	Auth 10,200 Approp 10,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				6,804
Vehicle Maintenance Shop, Track	m2 (SF)	3,453 (37,168)	1,299	(4,484)
Oil Storage Building	m2 (SF)	55.74 (600)	838.00	(47)
Deployment Equip Storage Bldg	m2 (SF)	975.48 (10,500)	553.16	(540)
Installed Building Equipment	LS	--	--	(234)
Org Veh Park, 10" Concrete	m2 (SY)	28,718 (34,346)	44.73	(1,285)
Total from Continuation page				(214)
SUPPORTING FACILITIES				2,036
Electric Service	LS	--	--	(356)
Water, Sewer, Gas	LS	--	--	(44)
Steam And/Or Chilled Water Dist	LS	--	--	(14)
Paving, Walks, Curbs & Gutters	LS	--	--	(522)
Storm Drainage	LS	--	--	(260)
Site Imp(709) Demo( )	LS	--	--	(709)
Information Systems	LS	--	--	(67)
Antiterrorism/Force Protection	LS	--	--	(64)
ESTIMATED CONTRACT COST				8,840
CONTINGENCY PERCENT (5.00%)				442
SUBTOTAL				9,282
SUPV, INSP & OVERHEAD (5.70%)				529
DESIGN/BUILD - DESIGN COST				370
TOTAL REQUEST				10,181
TOTAL REQUEST (ROUNDED)				10,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a modified standard-design tactical equipment maintenance complex to include a vehicle maintenance shop, organizational storage building, oil storage building and organizational vehicle parking area. The vehicle maintenance shop includes installed building equipment (IBE) as follows: two bridge cranes (10 ton), heating, ventilation and air conditioning (HVAC), fire alarm, detection and suppression system, exhaust system, compressed air system, quick lube system. Installation of an energy monitoring and control system (EMCS) and a paging system (equipment components purchased with other appropriations). Supporting facilities include utilities, electric service, security lighting; fire protection and alarm systems; storm sewer systems; parking; access road; apron; paving, walks, curbs and gutters; erosion control; signage; fencing with gates; information systems; and site improvements. Air conditioning: 20 tons. Mechanical ventilation will be provided in shop, bay and storage areas. Access for persons with disabilities will be provided. Anti-terrorism/force protection (AT/FP) will be included.

11. REQ: 95,034 m2 ADQT: 383 m2 SUBSTD: 71,565 m2

PROJECT: Constuct a modified standard-design tactical equipment maintenance

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 **1391**

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Curb/Gutter 6" X 8"	m	(LF)	792.48	(2,600)	51.44	(41)
Antiterrorism/Force Protection	LS		--		--	(95)
Building Information Systems	LS		--		--	(78)
					Total	214

PROJECT: (CONTINUED)
complex. (Current Mission)
REQUIREMENT: This project is required to provide facilities for organizational level maintenance to maintain the unit's assigned tactical vehicles, weapons, and communications and electronic equipment.
CURRENT SITUATION: The 3/7 Cavalry Squadron currently uses deteriorated, undersized, and dilapidated maintenance facilities at Fort Stewart. The existing vehicle maintenance shops lack sufficient bay and shop space, overhead lift clearance and capacity, and proper heating and ventilation. Other factors that affect productivity and safety are poor lighting, high noise levels and the lack of fire protection systems for the shop, bay and storage areas.
IMPACT IF NOT PROVIDED: If this project is not provided, the 3/7 Cavalry Squadron will not have adequate and functional facilities to perform maintenance and repair on vehicles, nor adequate space for storage and maintenance of mission essential equipment. Vehicle maintenance will continue to be performed in deteriorating buildings with major heating, ventilation, and safety deficiencies. Lack of adequate maintenance and storage facilities will hamper the unit's ability to have necessary equipment prepared and ready to meet mission requirements.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Tactical Equipment Complex	56223

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... MAY 2003
(b) Percent Complete As Of January 2004..... 25.00
(c) Date 35% Designed..... MAR 2004
(d) Date Design Complete..... MAY 2005
(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: YES
(b) Where Most Recently Used:
Fort Stewart

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

(a) Production of Plans and Specifications..... 383
(b) All Other Design Costs..... 277
(c) Total Design Cost..... 660
(d) Contract.....
(e) In-house..... 660

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... MAR 2007

Installation Engineer: Hank Dangerfield
Phone Number: 912-767-1070

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Stewart Georgia	Chapel

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	730	57803	Auth 9,500 Approp 9,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				5,459
Chapel	m2 (SF)	3,349 (36,050)	1,445	(4,839)
EMCS Connection	LS	--	--	(350)
Antiterrorism/Force Protection	LS	--	--	(200)
Building Information Systems	LS	--	--	(70)
SUPPORTING FACILITIES				3,058
Electric Service	LS	--	--	(552)
Water, Sewer, Gas	LS	--	--	(161)
Paving, Walks, Curbs & Gutters	LS	--	--	(515)
Storm Drainage	LS	--	--	(158)
Site Imp(1,174) Demo(344)	LS	--	--	(1,518)
Information Systems	LS	--	--	(116)
Antiterrorism/Force Protection	LS	--	--	(38)
ESTIMATED CONTRACT COST				8,517
CONTINGENCY PERCENT (5.00%)				426
SUBTOTAL				8,943
SUPV, INSP & OVERHEAD (5.70%)				510
TOTAL REQUEST				9,453
TOTAL REQUEST (ROUNDED)				9,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design chapel complex featuring a sanctuary (600 seat capacity) and an activity center that is capable of seating an additional 579 people in a separate or combined service. The sanctuary includes a raised pulpit area and a baptismal suite. The facility also includes 17 religious education classrooms, two multi-purpose rooms, blessed sacrament room, sacristy/robing room, choir room, resource center, nursery, restrooms, kitchen, storage, and administrative space for two Chaplains, Education Director and Assistant. Connection to the energy monitoring and control system (EMCS) and interior communications/building information systems. Supporting facilities include utilities; electric service; emergency and security lighting; fire protection, detection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for persons with disabilities will be provided. Heating and air conditioning (120 tons) will be provided with separately-zoned, self-contained units in a mechanical room above the occupied first level of the facility. Demolish six buildings (32,697 SF) with asbestos removal and one trailer. Above ground demolition includes removal of asphalt parking and pavement, concrete walks, and discontinued electrical services. Anti-terrorism/force protection (AT/FP) measures have

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
been incorporated and include protective setbacks from primary roadways and parking areas, blast resistant glazing, and passive vehicle restraints as required (pipe bollard/planters, etc.) Comprehensive interior design services are required. Supporting facilities costs are high as a result of utilities relocation. New facility is sited on an existing abandoned road with existing underground and overhead utilities.

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11. REQ: 12,375 m2 ADQT: 1,817 m2 SUBSTD: 736 m2
PROJECT: Construct a standard-design chapel complex. (Current Mission)
REQUIREMENT: This project is required to accommodate a variety of different programs to support the soldiers and their families. The activity center and religious education classrooms are required to provide a permanent facility for religious instruction, family support, and community support activities. The new chapel complex, located in the heart of the Town Center district will create a continual flow of foot traffic around the chapel complex, encouraging spontaneous visits to chapel facilities by both congregation members and those not currently active in the congregation.
CURRENT SITUATION: Existing religious activities are housed in five chapels and one trailer, which, when combined, provide only 22 percent of the installation's authorized chapel space. Of the five chapel facilities, two are of WWII vintage wooden construction, one is a semi-permanent structure and two are brigade-sized brick chapels. In addition, a trailer is used for the Islamic congregation. The trailer is temporary and is not repairable. There is no religious education facility, family life center, chapel center nor large chapel. Classroom space at both Britten and Diamond Elementary Schools are used to house the Protestant Installation Sunday School program and the Catholic Installation Religious education program. Over 210 students are enrolled in the Catholic program alone. A total of 30 classrooms are currently used for both programs. The lack of storage space for religious educational materials at the elementary schools require the materials to be stored off-site and carried into the schools each week. This is very time consuming and manpower intensive. There is no family life or activity facility; borrowed space in a brigade chapel is used which lacks an area for teaching, counseling or marriage enrichment classes. Watchcare space in each chapel is inadequate with burgeoning congregations meeting as standing room only. Four hundred parishioners gather in a facility designed to support 300. Space is needed for an installation chapel facility that can meet the need for religious worship in groups larger than 400, religious education in a dedicated facility and an activity center to support deployed soldier family members.
IMPACT IF NOT PROVIDED: If this project is not provided, a severe shortage of chapel and religious education space will continue. The religious education program will be severely impaired and worship opportunities limited. Leaving the program in a school that is separated from the chapels will continue to negatively impact those who want to worship and attend religious education in

IMPACT IF NOT PROVIDED: (CONTINUED)
a single facility.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project has been determined to be the only feasible option 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential and is 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	FEB 2003
(b)	Percent Complete As Of January 2004	65.00
(c)	Date 35% Designed	SEP 2003
(d)	Date Design Complete	OCT 2004
(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 Benning

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

		($000)
(a)	Production of Plans and Specifications	364
(b)	All Other Design Costs	243
(c)	Total Design Cost	607
(d)	Contract	364
(e)	In-house	243

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... MAR 2005

(6) Construction Completion..... OCT 2006

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Stewart, Georgia	
4.PROJECT TITLE	5.PROJECT NUMBER
Chapel	57803

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

Installation Engineer: Hank Dangerfield
Phone Number: 912.767.1074

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Stewart Georgia	Aircraft Maintenance Hanger (SOF)

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	211	60358	Auth 21,100 Approp 21,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				14,937
High Bay Maintenance	m2 (SF)	7,065 (76,043)	1,664	(11,757)
Deployment Equip Storage Bldg	m2 (SF)	557.42 (6,000)	625.49	(349)
Concrete Parking Deck 2-Story	m2 (SF)	3,252 (35,000)	537.98	(1,749)
Concrete Hardstand & Parking	m2 (SY)	8,779 (10,500)	53.89	(473)
Storage Shed, Covered	m2 (SF)	836.13 (9,000)	323.78	(271)
Total from Continuation page				(338)
SUPPORTING FACILITIES				4,074
Electric Service	LS	--	--	(194)
Water, Sewer, Gas	LS	--	--	(217)
Paving, Walks, Curbs & Gutters	LS	--	--	(211)
Storm Drainage	LS	--	--	(88)
Site Imp(383) Demo(2,068)	LS	--	--	(2,451)
Information Systems	LS	--	--	(654)
Antiterrorism/Force Protection	LS	--	--	(259)
ESTIMATED CONTRACT COST				19,011
CONTINGENCY PERCENT (5.00%)				951
SUBTOTAL				19,962
SUPV, INSP & OVERHEAD (5.70%)				1,138
TOTAL REQUEST				21,100
TOTAL REQUEST (ROUNDED)				21,100
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design aviation maintenance hangar with aircraft access apron. The hangar will include space for unit mission planning, flight operations, maintenance shops and administrative space. Project also includes a bridge crane (5-ton), pile foundation, fire suppression system and information systems. Install an intrusion detection system (IDS). Anti-terrorism/force protection (AT/FP) measures include facility electronic security, and additional exterior lighting. Supporting facilities include utilities, electric service, illumination, access road, potable water, sanitary and storm sewers, fire protection and alarm system, sprinkler system, transformer station, security fencing, information systems, and site improvements. Access for persons with disabilities will be provided on the hangar first floor only. Demolish one building (170,966 SF). Supporting facility costs are high due to site improvement and demolition. Heat and air conditioning (80 tons) will be provided by a self-contained system. Provide mechanical ventilation in bay areas.

11. REQ: 36,664 m2 ADQT: 10,999 m2 SUBSTD: 25,665 m2

PROJECT: Construct a standard-design rotary wing aircraft maintenance hangar. (Current Mission)

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Antiterrorism/Force Protection	LS	--	--	(251)
Building Information Systems	LS	--	--	(87)
			Total	338

REQUIREMENT: To provide adequate aviation maintenance and company headquarters facilities to support the restationing of D Company 160th SOAR from Roosevelt Roads Naval Station, Puerto Rico to Hunter Army Airfield (AAF). The "quick alert" mission requires mobilization within five hours of initial notice, which requires aircraft maintenance on any aircraft at any time regardless of weather. The facility will support essential flight operations and mission planning for one flight company, aircraft maintenance bays and shops for intermediate and unit level maintenance. This facility will provide three types of maintenance; aviation unit maintenance (AVUM), aviation intermediate maintenance (AVIM) and depot maintenance by contract.

CURRENT SITUATION: Maintenance operations are supported through the use of a temporary relocatable structure located at Naval Station (NS) Roosevelt Roads. The facility was built in 1999. The company headquarters element has been temporarily granted use of a Navy facility. At Hunter AAF, there are no adequate facilities available to fully accommodate the maintenance requirements or company headquarters element of this additional unit.

IMPACT IF NOT PROVIDED: If this project is not provided, stationing of this unit at Hunter AAF will require sharing already woefully inadequate maintenance space. The crowded conditions that will exist may result in flight and ground safety deficiencies, and maintenance degradation. The unit’s "quick alert" mission could be impeded because it requires mobilization within five hours of initial notice, which requires performing maintenance on any aircraft at any time regardless of weather.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Aircraft Maintenance Hanger (SOF)	60358

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JUN 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... SEP 2004
(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 Campbell

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

(a) Production of Plans and Specifications..... 1,000
(b) All Other Design Costs..... 250
(c) Total Design Cost..... 1,250
(d) Contract..... 800
(e) In-house..... 450

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... JAN 2005

(6) Construction Completion..... MAY 2006

Installation Engineer: Hank Dangerfield
Phone Number: 912.767.1074

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Stewart Georgia	Barracks Complex-5th & 16th St Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	60408	Auth Approp 32,950

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				32,721
Barracks	m2 (SF)	11,425 (122,976)	1,345	(15,366)
Dining Facility	m2 (SF)	2,080 (22,389)	2,158	(4,489)
Battalion Headquarters Building	m2 (SF)	1,523 (16,390)	1,349	(2,054)
Company Ops Buildings	m2 (SF)	7,989 (85,995)	1,085	(8,666)
Covered Equip. Layout Area	m2 (SF)	2,046 (22,020)	395.25	(809)
Total from Continuation page				(1,337)
SUPPORTING FACILITIES				10,645
Electric Service	LS	--	--	(1,497)
Water, Sewer, Gas	LS	--	--	(1,275)
Steam And/Or Chilled Water Dist	LS	--	--	(142)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,653)
Storm Drainage	LS	--	--	(726)
Site Imp(2,725) Demo(1,425)	LS	--	--	(4,150)
Information Systems	LS	--	--	(449)
Antiterrorism/Force Protection	LS	--	--	(753)
ESTIMATED CONTRACT COST				43,366
CONTINGENCY PERCENT (5.00%)				2,168
SUBTOTAL				45,534
SUPV, INSP & OVERHEAD (5.70%)				2,595
DESIGN/BUILD - DESIGN COST				1,821
TOTAL REQUEST				49,950
TOTAL REQUEST (ROUNDED)				50,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Complete construction of an incrementally funded barracks complex, which was authorized in FY 2004 for $49M. In FY 2004, a $17M appropriation was approved for the Phase 1 funding increment. This project requests an increase in the authorization to $49.95M and a $32.95M appropriation for the Phase 2 funding increment to incorporate new company operations facility standards. The complex includes barracks, a dining facility, company operations facilities, and battalion headquarters. Provide a utility management control system. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm system; sewer and storm drainage; paving, walks, curbs and gutters; parking; information systems; and site improvements. Heating and air conditioning (575 tons) will be provided by self-contained systems. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (153,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-5th & 16th St Ph 2	60408

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Install EMCS System	LS	--	--	(120)
Antiterrorism/Force Protection	LS	--	--	(535)
Building Information Systems	LS	--	--	(682)
			Total	1,337

11. REQ: 5,235 PN ADQT: 4,899 PN SUBSTD: 336 PN

PROJECT: Construct a standard-design barracks complex. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum barracks utilization is 336 soldiers.

CURRENT SITUATION: Modernization of existing barracks has reduced their capacity, which has created a need for a new barracks. The existing operational and administrative facilities are too small and have inefficient layouts.

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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $7M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Stewart, GA. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, there will be no remaining unaccompanied enlisted permanent party deficit at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Stewart, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-5th & 16th St Ph 2	60408

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JUN 2003
(b) Percent Complete As Of January 2004	25.00
(c) Date 35% Designed	SEP 2004
(d) Date Design Complete	MAY 2005
(e) Parametric Cost Estimating Used to Develop Costs	YES

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Stewart

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

	($000)
(a) Production of Plans and Specifications	1,705
(b) All Other Design Costs	1,250
(c) Total Design Cost	2,955
(d) Contract	
(e) In-house	2,955

(4) Construction Contract Award	NOV 2004
(5) Construction Start	JUL 2005
(6) Construction Completion	APR 2007

Installation Engineer: Hank Dangerfield
Phone Number: 912.767.1074

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Hawaii		Helemano Military Reservation (USARPAC/PARO)				107
	57226	Drum Road Upgrade Ph 1	68,000	27,000	C	109
	57406	Tank Trails - Helemano	7,300	7,300	C	112
		Subtotal Helemano Military Reservation PART I	$ 75,300	34,300		
		Hickam Air Force Base (USARPAC/PARO)				
	57423	Hot Cargo Pad Expansion	11,200	11,200	N	117
		Subtotal Hickam Air Force Base PART I	$ 11,200	11,200		
		Schofield Barracks (USARPAC/PARO)				121
	48785	Barracks Complex Renewal-Capron Ave Ph 3	0	48,000	C	123
	50927	Fire Station	4,800	4,800	C	126
	52263	Barracks Complex-Quad E, Ph 2	36,000	36,000	C	129
	57305	Combined Arms Collective Training Facility	32,542	32,542	N	132
	57416	Tactical Vehicle Wash Facility	3,500	3,500	N	135
	57421	Vehicle Maintenance Facility Ph 1	74,000	49,000	N	138
	57462	Qualification Training Range	4,950	4,950	N	142
	58144	Battle Area Live Fire Complex	32,000	32,000	N	146
		Pohakuloa Training Area				
	57411	West PTA Modifications	30,000	30,000	C	150
		Wheeler Army Air Field				
	57422	Deployment Facility	24,000	24,000	C	153
		Subtotal Schofield Barracks PART I	$ 241,792	264,792		
		* TOTAL MCA FOR Hawaii	$ 328,292	310,292		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Helemano Military Reservation Hawaii	US Army Pacific (Installation Mgt Agency, Pacific Region)	1.67

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	38	458	84	0	0	0	0	0	0	580
B. END FY 2009	38	482	85	0	0	0	0	0	0	605

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	0 ha	(0 AC)
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		1,400
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		75,300
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		41,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		0
H. GRAND TOTAL.....		117,700

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
851	57406	Tank Trails - Helemano	7,300	11/2002	05/2005
851	57226	Drum Road Upgrade Ph 1	27,000	05/2002	04/2005
		TOTAL	34,300		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
851	Drum Road Upgrade Phase 2	41,000
	TOTAL	41,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A

10. MISSION OR MAJOR FUNCTIONS:

Helemano Military Reservation is the home of the 125th Signal Battalion, 25th Infantry Division which supports U.S. Army and DOD Activities. It also supports housing and MWR activities for 888 families.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Helemano Military Reservation Hawaii

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Helemano Military Reservation Hawaii	Drum Road Upgrade Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	851	57226	Auth 68,000 Approp 27,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				46,437
Roads, Surfaced	km (MI)	37.02 (23)	1043581	(38,628)
Vehicle Bridge	m2 (SF)	2,776 (29,880)	2,813	(7,809)
SUPPORTING FACILITIES				12,342
Storm Drainage	LS	--	--	(7,238)
Site Imp(5,104) Demo( )	LS	--	--	(5,104)
ESTIMATED CONTRACT COST				58,779
CONTINGENCY PERCENT (5.00%)				2,939
SUBTOTAL				61,718
SUPV, INSP & OVERHEAD (6.50%)				4,012
DESIGN/BUILD - DESIGN COST				2,469
TOTAL REQUEST				68,199
TOTAL REQUEST (ROUNDED)				68,000
INSTALLED EQT-OTHER APPROP				(4,483)

10.Description of Proposed Construction

Full authorization ($68 million) is requested in the year of initial appropriation. First phase appropriation request is for $27 million. Additional appropriations will be requested in future budget submissions. Realign, widen and repave the existing dirt and gravel road which runs from the end of the paved road at Helemano Military Reservation (HMR) to the end of the paved road at Kahuku Training Area (KTA). Work includes widening the road to 24 feet and providing three-foot compacted gravel shoulders on both sides, realigning dangerous blind curves, regrading to correct steep slopes and provide drainage improvements, providing guard rails at drop offs and storm drainage structure and lines to preclude excessive amounts of storm runoff from sheet flowing over the road and endangering vehicular traffic. Sitework includes clearing, grubbing, grading, stockpiling of material for embankments, and new telecommunications and electrical conduits (funded by other appropriations, Army (OPA))which will run alongside the upgraded roadway.

11. REQ: 37 km ADQT: NONE SUBSTD: 37 km

PROJECT: Upgrade Drum Road from Helemano Military Reservation (HMR) to Kahuku Training Area (KTA). (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Helemano Military Reservation, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Drum Road Upgrade Ph 1	57226

REQUIREMENT: This project is required to provide a safe access road for military personnel engaged in training activities to get from HMR to their training grounds (KTA).
CURRENT SITUATION: Access to KTA for military training activities is currently via an existing dirt, coral and/or gravel road which runs from HMR to the KTA. The existing dirt and gravel road is approximately 15 feet wide with no shoulders. The existing unpaved road has blind curves and slopes steeper than nine percent, which are hazardous to troops traversing these roads. Portions of this unpaved road become impassable during rain storms requiring troops to obtain temporary easements to traverse private properties (for access to and from the existing access road) and to traverse the public roads for portions of their journey. Military caravans traversing the existing public roads (only one two-lane highway exists between HMR and KTA) slow down the flow of all traffic on the highway and create dangerous situations for cars attempting to pass the large caravan with the potential for head-on crashes to occur.
IMPACT IF NOT PROVIDED: If this project is not provided, the steep and narrow dirt roadway with hazardous blind curves will continue to be unsafe, deteriorate further and wash out during storms. Not providing the project places the safety and readiness of our military troops in jeopardy. During certain weather conditions, driving to the 25th Infantry Division (Light)'s primary maneuver training area on Oahu will be impossible.
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 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. 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	MAY 2002
(b) Percent Complete As Of January 2004	15.00
(c) Date 35% Designed	SEP 2004
(d) Date Design Complete	APR 2005
(e) Parametric Cost Estimating Used to Develop Costs	YES

(f) Type of Design Contract: Design-build

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Helemano Military Reservation, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Drum Road Upgrade Ph 1	57226

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a)	Production of Plans and Specifications.....	980
(b)	All Other Design Costs.....	1,571
(c)	Total Design Cost.....	2,551
(d)	Contract.....	1,225
(e)	In-house.....	1,326

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... FEB 2005

(6) Construction Completion..... FEB 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	2006	4,483
		TOTAL	4,483

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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Helemano Military Reservation Hawaii	Tank Trails - Helemano

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	851	57406	Auth 7,300 Approp 7,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				5,899
Gravel Road Surface	m2 (SF)	44,360 (477,487)	25.00	(1,109)
A/C Surface	m2 (SF)	825 (8,880)	118.88	(98)
PCC Road Surface	m2 (SF)	500 (5,382)	118.88	(59)
Road Crossings	EA	3 --	85,215	(256)
Clear and Grub	ha (AC)	11 (27.18)	4,850	(53)
Total from Continuation page				(4,324)
SUPPORTING FACILITIES				311
Site Imp(311) Demo( )	LS	--	--	(311)
ESTIMATED CONTRACT COST				6,210
CONTINGENCY PERCENT (5.00%)				311
SUBTOTAL				6,521
SUPV, INSP & OVERHEAD (6.50%)				424
DESIGN/BUILD - DESIGN COST				345
TOTAL REQUEST				7,290
TOTAL REQUEST (ROUNDED)				7,300
INSTALLED EQT-OTHER APPROP				(2,101)

10.Description of Proposed Construction

Construct a gravel road with gravel shoulders on both sides which will run from Schofield Barracks to Helemano Military Reservation. Work includes grading, paving, drainage improvements, culverts at stream crossings, guardrails, shotcrete, retaining walls, concrete swales, grass swales, signage, and storm drainage structures and lines to preclude excessive amounts of storm runoff from sheet flowing over the road and endangering vehicular traffic. Work will also include provisions for telecommunication lines which will run alongside the new paved road (funded by Other Appropriations, Army (OPA)). Road grades steeper than 10 percent will be paved with asphalt or concrete. New easement rights are required for the new road and are being purchased with funding under FY 2004 MCA Project Number 57802 Land Easement. Supporting facilities includes new telecommunications and electrical conduits for information systems.

11. REQ: 45,685 m2 ADQT: NONE SUBSTD: 10 m2

PROJECT: Construct a gravel road with shoulders from Schofield Barracks to Helemano Military Reservation. (New Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Helemano Military Reservation, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Tank Trails - Helemano	57406

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Excavation	m3	(CY)	43,100	(56,373)	30.97	(1,335)
Fill	m3	(CY)	5,000	(6,540)	22.98	(115)
Bridges	LS		--		--	(2,194)
Pipe culverts in field	EA		5	--	17,483	(87)
Traffic Lights	EA		3	--	197,602	(593)
					Total	4,324

REQUIREMENT: This project is required to provide a safe access road for use by military personnel of the 25th Infantry Division (Light) engaged in training activities to get from Schofield Barracks to their training grounds at Helemano Military Reservation. The new roadway will be constructed for all weather use since this area is subject to heavy rains during the winter months.

CURRENT SITUATION: Military convoys transit from Schofield Barracks Military Reservation on Wilikina Drive onto Kamananui Road then to Kamehameha Highway to Kahuku and Kawailoa Training Areas to conduct military training exercises. Wilikina, Kamananui and Kamehameha Highway are only two lane public roads to and from Schofield Barracks to the training areas. Both the local residents and tourists use the roadways. The elevation/grade from Schofield Barracks Military Reservation on Kamehameha Highway to the training areas are relatively steep and when returning from training at Kahuku or Kawailoa the heavy military vehicles are traveling well below posted speed limit designations. Use of the existing highway is also creating traffic congestion and damage to the roads. Military convoys traversing this public road slow down the flow of all traffic on the road and create dangerous situations for cars attempting to pass the large caravan with the potential for head-on crashes to occur. Dirt, rocks and debris from the vehicles are being deposited on the public roads that create hazardous driving conditions to the general public. The Army is currently preparing to upgrade an existing military road from Helemano Military Reservation to Kahuku and Kawailoa Training areas(PN57226, FY05). This road is known as Drum Road. The new road in this project would tie into Drum Road and remove all heavy military vehicles from the existing public roads.

IMPACT IF NOT PROVIDED: If this project is not provided, the military convoys will continue to travel to and from the training area via the State and County public roads. This will continue to create dangerous and hazardous conditions to both the general public and to our military troops, placing their safety and readiness in jeopardy. Travel on the public roads by these heavy military vehicles will also contribute to additional maintenance and repair costs to maintain and upkeep the public roads. Also, with the increase

IMPACT IF NOT PROVIDED: (CONTINUED)
in the Army's training needs, additional military convoys will be required to travel to and from these military sites which will only add to traffic congestion and increase possibilities for accidents to occur.
ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. Also, no anti-terrorism/force protection (AT/FP) measures are required. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be 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. 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 2002
(b) Percent Complete As Of January 2004	15.00
(c) Date 35% Designed	OCT 2004
(d) Date Design Complete	MAY 2005
(e) Parametric Cost Estimating Used to Develop Costs	YES

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: NO

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

	($000)
(a) Production of Plans and Specifications	100
(b) All Other Design Costs	445
(c) Total Design Cost	545
(d) Contract	163
(e) In-house	382

(4) Construction Contract Award	DEC 2004
(5) Construction Start	MAR 2005
(6) Construction Completion	SEP 2006

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Helemano Military Reservation, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Tank Trails - Helemano	57406

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	2006	2,101
		TOTAL	2,101

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

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Hickam Air Force Base Hawaii	Hot Cargo Pad Expansion

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	422	57423	Auth 11,200 Approp 11,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				6,762
Aircraft Loading Apron, Surface	m2 (SF)	32,799 (353,045)	104.49	(3,427)
A/C Shoulders, 63.5mm	m2 (SF)	16,538 (178,014)	77.00	(1,273)
Inspector's Building	m2 (SF)	19 (204.51)	3,606	(69)
Excavation	m3 (CY)	39,602 (51,797)	24.30	(962)
Taxiway Lights & Manholes	LS	--	--	(996)
Building Information Systems	LS	--	--	(35)
SUPPORTING FACILITIES				3,198
Electric Service	LS	--	--	(202)
Water, Sewer, Gas	LS	--	--	(443)
Storm Drainage	LS	--	--	(1,022)
Site Imp(180) Demo( )	LS	--	--	(180)
Information Systems	LS	--	--	(1,063)
Antiterrorism/Force Protection	LS	--	--	(288)
ESTIMATED CONTRACT COST				9,960
CONTINGENCY PERCENT (5.00%)				498
SUBTOTAL				10,458
SUPV, INSP & OVERHEAD (6.50%)				680
TOTAL REQUEST				11,138
TOTAL REQUEST (ROUNDED)				11,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Expand existing hot cargo pad area by constructing two additional hot cargo pads, adjacent to existing Taxiway "B". This project includes taxiways with shoulders, loading ramps, connecting roads, and a staging area. Each cargo pad will consist of a 75' x 912' reinforced concrete taxiway with 50' wide asphalt concrete shoulders on both sides. The pads will be constructed adjacent and connected to either side of the existing cargo pad. A staging area will be provided and located east of the hot cargo pad expansion. The staging area will be connected back to the hot cargo pad site totaling approximately 3,200 LF in length. An inspector's building will be provided at the staging area. Anti-terrorism/force protection (AT/FP) measures include perimeter fencing with barbed wire. Supporting facilities include utilities, electric service, area lighting at all three hot cargo pad locations, storm drainage, information systems and site improvements.

11. REQ: 34,281 m2 ADQT: NONE SUBSTD: 34,281 m2

PROJECT: Expand the existing hot cargo pad at Hickam Air Force Base, Hawaii. (Current Mission.)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Hickam Air Force Base, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Hot Cargo Pad Expansion	57423

REQUIREMENT: Loading of the hot cargo will be a 24 hour operation. The approximate throughput is estimated at 350-363 aircraft to be loaded and reach its final destination within 96 hours. The deployment mission is to position soldiers anywhere in the world and provide increased ground combat staying power, lethality, and tactical mobility. Munitions payloads will increase drastically as troops will be mounted on Infantry Armored Vehicles carrying such armament as howitzers, mortars and missiles. Deployment of these forces, to anywhere in the world, must occur within 96 hours and cannot be accomplished without an adequate number of efficient hot cargo pads.
IMPACT IF NOT PROVIDED: If this project is not provided, units will not be able to deploy within the specified time. This will compromise the deployment and mission.
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. 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. The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that his 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	DEC 2002
(b) Percent Complete As Of January 2004	35.00
(c) Date 35% Designed	JAN 2004
(d) Date Design Complete	SEP 2004
(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	672
(b) All Other Design Costs	568
(c) Total Design Cost	1,240
(d) Contract	1,120

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Hickam Air Force Base, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Hot Cargo Pad Expansion	57423

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2006

Installation Engineer: Ed Uchida
Phone Number: (808) 656-2682

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Schofield Barracks Hawaii	US Army Pacific (Installation Mgt Agency, Pacific Region)	1.67

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1393	11501	1389	0	115	0	240	2992	3138	20,768
B. END FY 2009	1470	12207	1438	0	108	0	240	2985	3131	21,579

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	0 ha (0 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		0
C. AUTHORIZATION NOT YET IN INVENTORY.....		670,805
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		241,792
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		59,046
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		7,250
G. REMAINING DEFICIENCY.....		304,738
H. GRAND TOTAL.....		1,283,631

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	48785	Barracks Complex Renewal-Capron Ave Ph 3	48,000	11/2002	12/2004
730	50927	Fire Station	4,800	02/2003	10/2004
721	52263	Barracks Complex-Quad E, Ph 2	36,000	11/2002	11/2005
179	57305	Combined Arms Collective Training Facility	32,542	08/2002	12/2004
911	57411	West PTA Modifications	30,000	08/2003	08/2005
141	57416	Tactical Vehicle Wash Facility	3,500	12/2002	11/2004
852	57422	Deployment Facility	24,000	11/2002	10/2004
214	57421	Vehicle Maintenance Facility Ph 1	49,000	01/2003	10/2004
178	57462	Qualification Training Range	4,950	01/2003	12/2004
178	58144	Battle Area Live Fire Complex	32,000	01/2003	10/2004
		TOTAL	264,792		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
131	Command and Control Facility	3,800
721	Brigade Complex-Barracks Ph 1	40,000
141	Tact Vehicle Wash	9,350
179	Urban Assault & Trng Fac	5,896
214	Vehicle Maintenance Facility Ph 2	25,000
	TOTAL	84,046
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		686

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Schofield Barracks Hawaii

10. MISSION OR MAJOR FUNCTIONS:

Schofield Barracks garrisons the 25th Infantry Division (Light), United States Army Hawaii and their supporting organizations including 45th Corps Support Group and U.S. Army Military Police Brigade - Hawaii. Plans are underway to incorporate the Stryker Brigade Combat Team (#5) into the master plan and projects. It provides army family housing for approximately 3400 families. Support includes training ranges, maneuver areas and it is a mobilization station for the 9th Regional Readiness Command and Hawaii National Guard.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $685,760, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Barracks Complex Renewal-Capron Ave Ph 3

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	48785	Auth Approp 48,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				37,036
Enlisted Barracks	m2 (SF)	7,200 (77,500)	2,775	(19,980)
Battalion HQ1	m2 (SF)	1,653 (17,787)	2,646	(4,373)
Battalion HQ2	m2 (SF)	1,400 (15,069)	2,668	(3,735)
Brigade HQ	m2 (SF)	1,249 (13,444)	2,711	(3,385)
Chiller Plant	m2 (SF)	194 (2,088)	6,828	(1,325)
Total from Continuation page				(4,238)
SUPPORTING FACILITIES				6,040
Electric Service	LS	--	--	(561)
Water, Sewer, Gas	LS	--	--	(1,035)
Steam And/Or Chilled Water Dist	LS	--	--	(680)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,116)
Storm Drainage	LS	--	--	(740)
Site Imp(874) Demo( )	LS	--	--	(874)
Information Systems	LS	--	--	(1,034)
ESTIMATED CONTRACT COST				43,076
CONTINGENCY PERCENT (5.00%)				2,154
SUBTOTAL				45,230
SUPV, INSP & OVERHEAD (6.50%)				2,940
TOTAL REQUEST				48,170
TOTAL REQUEST (ROUNDED)				48,000
INSTALLED EQT-OTHER APPROP				(3,207)

10.Description of Proposed Construction

This project is incrementally funded. Full authorization of $149M was requested in FY2003, along with Phase 1 funding of $49M. Phase 2 funding of $49M was appropriated in FY2004. This project, Phase 3, requests $48M in FY2005. Construct a barracks complex including barracks, battalion headquarters with troop aid stations, brigade headquarters, and a central cooling plant building. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; road improvements; storm drainage; information systems; and site improvements. Air conditioning: 195 tons. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. AT/FP cost is high because site constraints prevent meeting the minimum set-back distances. In these situations, the buildings require hardening. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

11. REQ: 4,753 PN ADQT: 3,458 PN SUBSTD: 1,295 PN

PROJECT: Construct a standard-design barracks complex. (Current Mission)

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Anti-terrorism Force Protection	LS	--	--	(3,199)
Building Information Systems	LS	--	--	(1,039)
			Total	4,238

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum barracks utilization is 200 soldiers.
CURRENT SITUATION: The existing gang latrine barracks are old and are severely deteriorated. 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. All required anti-terrorism/force protection measures are included. New construction is more cost effective than renovation of existing. 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. The facility will be available for use by other components. During the past two years, $6M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Schofield Barracks, HI. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 945 personnel 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..... NOV 2002
(b) Percent Complete As Of January 2004..... 30.00
(c) Date 35% Designed..... FEB 2004
(d) Date Design Complete..... DEC 2004
(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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex Renewal-Capron Ave Ph 3	48785

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
documented during the final design.

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

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

(a)	Production of Plans and Specifications.....	2,750
(b)	All Other Design Costs.....	920
(c)	Total Design Cost.....	3,670
(d)	Contract.....	2,780
(e)	In-house.....	890

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	2006	1,058
Info Sys - PROP	OPA	2006	2,149
		TOTAL	3,207

Installation Engineer: COL Floyd Quintana
Phone Number: (808) 656-1289

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Fire Station

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	730	50927	Auth 4,800 Approp 4,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				3,254
Fire Station	m2 (SF)	1,062 (11,426)	2,777	(2,948)
Generator Bldg	EA	1 --	163,560	(164)
Antiterrorism/Force Protection	LS	--	--	(16)
Building Information Systems	LS	--	--	(126)
SUPPORTING FACILITIES				1,060
Electric Service	LS	--	--	(115)
Water, Sewer, Gas	LS	--	--	(178)
Paving, Walks, Curbs & Gutters	LS	--	--	(114)
Storm Drainage	LS	--	--	(120)
Site Imp(203) Demo(10)	LS	--	--	(213)
Information Systems	LS	--	--	(300)
Antiterrorism/Force Protection	LS	--	--	(20)
ESTIMATED CONTRACT COST				4,314
CONTINGENCY PERCENT (5.00%)				216
SUBTOTAL				4,530
SUPV, INSP & OVERHEAD (6.50%)				294
TOTAL REQUEST				4,824
TOTAL REQUEST (ROUNDED)				4,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a modified standard-design, two-company satellite fire station. The fire station will include apparatus (fire trucks and tankers) bays, offices, training rooms, dayroom, kitchen, Emergency Medical Service (EMS) and decontamination room, watchroom, dormitory rooms, laundry, restrooms, janitor’s closet, storage rooms, mechanical rooms, electrical room, and telecommunication room. A vehicle wash rack will also be constructed. Emergency power generation is required for this facility. Anti-terrorism/force protection (AT/FP) standards will be met and includes installation of laminated glass. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Construct a replacement parking lot to support 54 cars. Supporting facilities cost is high due to large quantities of pavement required for this project. Access for persons with disabilities will be provided. Air conditioning: 20 tons. Demolish two existing buildings (990 SF) used to support the existing fire station. The current fire station will be retained to house the wild terrain fire fighting vehicles. Although deteriorated, this is a historical building and will provide limited use as a vehicle storage building for the wild terrain vehicles.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Schofield Barracks, Hawaii	
4.PROJECT TITLE	5.PROJECT NUMBER
Fire Station	50927

11. REQ: 3,385 m2 ADQT: 2,315 m2 SUBSTD: 1,070 m2

PROJECT: Construct a two-company satellite fire station. (Current Mission)

REQUIREMENT: This project is required to provide an adequate fire station facility at Schofield Barracks. This project conforms with the installation master plan and there are no other facilities suitable to accommodate the equipment and personnel.

CURRENT SITUATION: Schofield Barracks is the largest Army installation in Hawaii with a continual growth of on-base housing. In addition, the fire station supports one of the largest geographical areas to include Wahiawa Town, Kunia, and the Kahuku communities. Fire station personnel and equipment are currently housed in three semi-permanent temporary buildings. All of these buildings are badly deteriorated due to extensive termite damage. Current deficiencies at the main fire station building include vehicle stalls which are too short for the new fire trucks, inoperable garage doors and inadequate sleeping space for the firemen and supervisors. Firefighters currently descend stairs from their sleeping area on the second deck berthing, losing valuable time during an emergency response and exposing the firefighters to a hazardous situation. Fragmentation of the fire station into three buildings hinders quick response in emergency situations. The combined facilities (three buildings) lack mission essential spaces such as a decontamination room and a training room. All of the above factors have contributed to unsatisfactory operating conditions for fire fighting.

IMPACT IF NOT PROVIDED: If this project is not provided, fire protection at Schofield Barracks will deteriorate, jeopardizing the health, welfare and safety of the entire Schofield Barracks population and the quality of life to the fire fighting personnel. Maintenance costs for utilities and aging facilities will continue to increase.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all physical security measures are included. 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 has been determined to be 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. 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	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Fire Station	50927

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	FEB 2003
(b)	Percent Complete As Of January 2004	35.00
(c)	Date 35% Designed	JAN 2004
(d)	Date Design Complete	OCT 2004
(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 Carson

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

		($000)
(a)	Production of Plans and Specifications	270
(b)	All Other Design Costs	315
(c)	Total Design Cost	585
(d)	Contract	294
(e)	In-house	291

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2006

Installation Engineer: COL Floyd A. Quintana
Phone Number: (808) 656-1289

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Barracks Complex-Quad E, Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	52263	Auth 36,000 Approp 36,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				29,325
Renovate COF/Btn HQ Bldg 550	m2 (SF)	8,030 (86,434)	1,410	(11,325)
Renovate Bks Bldg 551	m2 (SF)	7,982 (85,918)	1,582	(12,631)
Lead Paint Abatement	m2 (SF)	16,012 (172,352)	103.00	(1,649)
Asbestos Removal	m2 (SF)	16,012 (172,352)	62.00	(993)
Antiterrorism Force Protection	LS	--	--	(1,741)
Building Information Systems	LS	--	--	(986)
SUPPORTING FACILITIES				2,121
Electric Service	LS	--	--	(187)
Water, Sewer, Gas	LS	--	--	(253)
Steam And/Or Chilled Water Dist	LS	--	--	(332)
Paving, Walks, Curbs & Gutters	LS	--	--	(486)
Storm Drainage	LS	--	--	(239)
Site Imp(194) Demo( )	LS	--	--	(194)
Information Systems	LS	--	--	(427)
Antiterrorism/Force Protection	LS	--	--	(3)
ESTIMATED CONTRACT COST				31,446
CONTINGENCY PERCENT (5.00%)				1,572
SUBTOTAL				33,018
SUPV, INSP & OVERHEAD (6.50%)				2,146
DESIGN/BUILD - DESIGN COST				1,321
TOTAL REQUEST				36,485
TOTAL REQUEST (ROUNDED)				36,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

The project will renovate Building 551 to provide barracks, and renovate Building 550 to house one small Battalion Headquarters and four medium Company Operations Facilities. Lead paint and asbestos tile removal will be required. An elevator will be included in the administrative building. For historical preservation purposes, maintaining the architectural character of all buildings to be renovated will be emphasized. Installation costs for intrusion detection systems (IDS) in arms vaults are included. Supporting facilities includes electric service; waterlines; fire protection and alarm systems paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Air conditioning: 246 tons. Anti-terrorism/force protection will be provided by structural upgrades/reinforcement, special windows and doors, and site measures. Access for persons with disabilities will be provided in public areas. Comprehensive building and furnishings related interior design services are required.

11. REQ: 4,753 PN ADQT: 3,458 PN SUBSTD: 1,295 PN

PROJECT: Renovate/modernize two Quad buildings to provide barracks and house company operations facilities and battalion headquarters. (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Quad E, Ph 2	52263

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum barracks utilization is 150 soldiers.
CURRENT SITUATION: The existing gang latrine barracks are 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.
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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, $6M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Schofield Barracks, HI. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 845 personnel 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.....	NOV 2002
(b) Percent Complete As Of January 2004.....	25.00
(c) Date 35% Designed.....	OCT 2004
(d) Date Design Complete.....	NOV 2005
(e) Parametric Cost Estimating Used to Develop Costs	YES

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	164

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Quad E, Ph 2	52263

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs	382
(c) Total Design Cost	546
(d) Contract	161
(e) In-house	385

(4) Construction Contract Award	FEB 2005
(5) Construction Start	AUG 2005
(6) Construction Completion	NOV 2006

Installation Engineer: COL Floyd Quintana
Phone Number: (808) 656-1289

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Combined Arms Collective Training Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	179	57305	Auth 32,542 Approp 32,542

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				18,506
Combined Arms Collective Tng Fa	EA	1 --	16623647	(16,624)
Command & Control, AAR	m2 (SF)	284 (3,057)	2,258	(641)
Operations/Storage Building	m2 (SF)	74 (796.53)	2,135	(158)
Dual Sex Dry Vault Latrine	m2 (SF)	22 (236.81)	4,894	(108)
Covered Mess	m2 (SF)	74 (796.53)	1,630	(121)
Total from Continuation page				(854)
SUPPORTING FACILITIES				10,595
Electric Service	LS	--	--	(3,392)
Water, Sewer, Gas	LS	--	--	(2,924)
Paving, Walks, Curbs & Gutters	LS	--	--	(689)
Storm Drainage	LS	--	--	(60)
Site Imp(3,526) Demo(4)	LS	--	--	(3,530)
ESTIMATED CONTRACT COST				29,101
CONTINGENCY PERCENT (5.00%)				1,455
SUBTOTAL				30,556
SUPV, INSP & OVERHEAD (6.50%)				1,986
TOTAL REQUEST				32,542
TOTAL REQUEST (ROUNDED)				33,000
INSTALLED EQT-OTHER APPROP				(7,343)

10.Description of Proposed Construction

Construct a 24 building non-live-fire combined arms collective training facility (CACTF). Training objectives include two warehouse buildings, a municipal building, office building, service station, business buildings, hotel building, police station and jail, church and collocated cemetery, bank building, townhouse, nine residences, school building, four one-hole dry vault latrines, underground trainer and soccer field and playground. Range operations facilities include command and control, after action review (AAR) building (large), ammunition breakdown building, operations and storage building, dual-sex dry vault latrine, and a covered mess. Supporting facilities include an access road, parking area, primary and secondary power and data distribution systems, water distribution system, flag pole, fencing, earthwork, site improvements and environmental mitigation. Air conditioning (20 tons) will be provided in the instruction and administration areas by self-contained unit. Demolition (270 SF) is required. Targetry and security devices will be funded by other procurement, Army (OPA).

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

PROJECT: Construct a standard, combined arms collective training facility (CACTF)consisting of a site-adapted 24-building facility. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Schofield Barracks, Hawaii	
4.PROJECT TITLE	5.PROJECT NUMBER
Combined Arms Collective Training Facility	57305

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Range Operation Center	m2 (SF)	200 (2,153)	2,439	(488)
Building Information Systems	LS	--	--	(366)
			Total	854

REQUIREMENT: This CACTF will be used in conjunction with the urban assault course and training facilities (Proposed FY2006 MCA - Project Number 58143) to provide a complete suite of live-fire and non-live-fire urban operations training facilities in accordance with the combined military operations on urban terrain (MOUT) task force training strategy, and evolving urban operational doctrine. It will provide an adequate range complex designed to exercise individual soldiers and small units in tactics and procedures required for training in an urban environment under simulated full spectrum operational conditions, and will also train unit leaders in command and control. This range is designed to satisfy the training requirements skills needed by dismounted infantry.

CURRENT SITUATION: The existing MOUT Assault Course (MAC) at Schofield Barracks was not designed to support the current urban operations training strategy. Basic design and targetry are inadequate to efficiently train close quarters marksmanship skills.

IMPACT IF NOT PROVIDED: If this project is not provided, combat units and commanders will not fully attain the degree of proficiency required for successful combat, and command and control in a complex MOUT environment.

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 measures are required. Sustainable design principles will be integrated into the development, design an construction of this project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. Alternative methods of methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. 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	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Combined Arms Collective Training Facility	57305

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... AUG 2002
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... DEC 2004
(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 Lewis

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

(a) Production of Plans and Specifications..... 900
(b) All Other Design Costs..... 1,800
(c) Total Design Cost..... 2,700
(d) Contract..... 1,100
(e) In-house..... 1,600

(4) Construction Contract Award..... FEB 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Target Systems	OPA	2006	6,840
Info Sys - ISC	OPA	2006	503
		TOTAL	7,343

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Tactical Vehicle Wash Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	141	57416	Auth 3,500 Approp 3,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				2,646
Centralized Wash Facility	LS	--	--	(1,397)
Sediment Basin	LS	--	--	(349)
Water Supply Basin	LS	--	--	(592)
Equalization Basin	LS	--	--	(308)
SUPPORTING FACILITIES				504
Electric Service	LS	--	--	(93)
Water, Sewer, Gas	LS	--	--	(129)
Paving, Walks, Curbs & Gutters	LS	--	--	(123)
Site Imp(159) Demo( )	LS	--	--	(159)
ESTIMATED CONTRACT COST				3,150
CONTINGENCY PERCENT (5.00%)				158
SUBTOTAL				3,308
SUPV, INSP & OVERHEAD (6.50%)				215
TOTAL REQUEST				3,523
TOTAL REQUEST (ROUNDED)				3,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a centralized tactical vehicle wash facility with a high pressure water recirculating spray wash stand; sediment basin; water supply basin; equalization basin; and six wash stations. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; fencing; and site improvements.

11. REQ: 4 EA ADQT: NONE SUBSTD: NONE

PROJECT: Construct a tactical vehicle wash facility. (New Mission)

REQUIREMENT: The project is required to support the maintenance and operations of a battalion. It is also designed to reduce the amount of soil that may be tracked onto the adjacent State of Hawaii highway and to environmentally prevent the spread of native vegetation to other areas. The project will provide wash stations using reclaimed water to reduce overall water usage. The facility is designed to wash 538 vehicles within three 10-hour workdays at 180 vehicles per day. It will use double-tower wash islands (two wash hoses at each wash station).

CURRENT SITUATION: There is no wash facility on Schofield Barracks to support this requirement.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Tactical Vehicle Wash Facility	57416

IMPACT IF NOT PROVIDED: If this project is not provided, the vehicles cannot be properly maintained. The vehicles will track excess mud onto the adjoining roadway systems, and possibly contribute to the spread of undesirable vegetation. This would have a negative impact on the community and the Army.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	DEC 2002
(b) Percent Complete As Of January 2004	25.00
(c) Date 35% Designed	FEB 2004
(d) Date Design Complete	NOV 2004
(e) Parametric Cost Estimating Used to Develop Costs	YES

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

	($000)
(a) Production of Plans and Specifications	180
(b) All Other Design Costs	159
(c) Total Design Cost	339
(d) Contract	207
(e) In-house	132

(4) Construction Contract Award	JAN 2005
(5) Construction Start	MAR 2005
(6) Construction Completion	MAY 2006

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Schofield Barracks, Hawaii	
4.PROJECT TITLE	5.PROJECT NUMBER
Tactical Vehicle Wash Facility	57416

Installation Engineer: COL Floyd A. Quintana
Phone Number: (808) 656-1289

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Vehicle Maintenance Facility Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	214	57421	Auth 74,000 Approp 49,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				41,221
Maintenance Shop	m2 (SF)	7,893 (84,954)	2,404	(18,974)
Organizational Vehicle Parking	m2 (SF)	164,486 (1770513)	60.00	(9,869)
Deployment Equip Storage Bldg 1	m2 (SF)	3,716 (40,000)	1,215	(4,515)
Deployment Equip Storage Bldg 2	m2 (SF)	3,716 (40,000)	1,215	(4,515)
POL Storage Sheds	m2 (SF)	217.39 (2,340)	1,412	(307)
Total from Continuation page				(3,041)
SUPPORTING FACILITIES				24,647
Electric Service	LS	--	--	(3,475)
Water, Sewer, Gas	LS	--	--	(6,149)
Paving, Walks, Curbs & Gutters	LS	--	--	(3,351)
Storm Drainage	LS	--	--	(3,588)
Site Imp(6,748) Demo( )	LS	--	--	(6,748)
Information Systems	LS	--	--	(1,336)
ESTIMATED CONTRACT COST				65,868
CONTINGENCY PERCENT (5.00%)				3,293
SUBTOTAL				69,161
SUPV, INSP & OVERHEAD (6.50%)				4,495
TOTAL REQUEST				73,656
TOTAL REQUEST (ROUNDED)				74,000
INSTALLED EQT-OTHER APPROP				(1,623)

10.Description of Proposed Construction

This project is incrementally funded. Full authorization is requested in the year of initial appropriation. First phase request is for $49 million. Phase 2 funding of $25 million will be requested in FY 2006. Construct a standard-design motorpool facility consisting of standard organizational and direct support vehicle maintenance shops. The facility includes new tactical equipment maintenance shops with repair bays and separate administrative area, arms room, shop control, overhead cranes; communication rooms, petroleum, oil and lubricants (POL) facilities; deployment equipment storage facilities; hazardous materials storage facility and telecom shelters; oil-water separators; hardstand and organizational vehicle parking areas. The anti-terrorism/force protection measures include installation of laminated glass at all exterior windows and glazed doors and structural upgrade of exterior walls, columns, and beams. Install intrusion detection systems (IDS) for all arms rooms and a closed circuit television system for the motor pool complex. Supporting facilities includes utilities; electric service; security lighting and fencing; sanitary sewer; storm drainage; fire protection and alarm systems; paving, walks, curbs and gutters; parking; roadways; information systems; and site improvements. Base infrastructure improvements include the addition of a new one-million gallon

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Hazardous Material Storage	m2	(SF)	44.59	(480)	2,704	(121)
Latrine Building	m2	(SF)	18.17	(195.58)	3,618	(66)
Antiterrorism/Force Protection	LS		--		--	(197)
Precast Telecomm Shelter	EA		2	--	90,181	(180)
IDS Installation	LS		--		--	(56)
Building Information Systems	LS		--		--	(2,421)
					Total	3,041

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
water storage tank, a new water booster pump station, sewer booster pump station, and sewer main improvements. High costs of supporting facilities are due to the project being located on two sites where there are no paved roads, and no utility infrastructure. Air conditioning: 170 tons.

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11. REQ: 18,016 m2 ADQT: NONE SUBSTD: 18,016 m2

PROJECT: Construct a standard-design vehicle maintenance facility. (New Mission)

REQUIREMENT: This project is required to provide tactical vehicle maintenance facilities that meet current Army Standards to support the 25th Infantry Division (Light). The brigade motor pool will support maintenance personnel and parking for the unit's estimated 1,600 vehicles.

CURRENT SITUATION: Currently, there are no existing motorpool facilities that can be expanded or renovated to meet current Army Standards in support of the requirements of the 25th Infantry Division (Light). A completed motorpool study validates that existing facilities do not meet current Army standards as identified in the facility planning system.

IMPACT IF NOT PROVIDED: If this project is not provided, the 25th Infantry personnel will not have motor pool facilities to adequately maintain their equipment. This will adversely affect their training and mission readiness. Existing facilities and utility infrastructure will continue to degrade and additional repairs to maintain them will increase. This will have a negative impact on combat 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. 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. The Deputy Assistant Secretary of the

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Vehicle Maintenance Facility Ph 1	57421

ADDITIONAL: (CONTINUED)
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	JAN 2003
(b) Percent Complete As Of January 2004	65.00
(c) Date 35% Designed	OCT 2003
(d) Date Design Complete	OCT 2004
(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 Lewis

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

	($000)
(a) Production of Plans and Specifications	3,323
(b) All Other Design Costs	2,678
(c) Total Design Cost	6,001
(d) Contract	817
(e) In-house	5,184

(4) Construction Contract Award	JAN 2005
(5) Construction Start	MAR 2005
(6) Construction Completion	MAR 2007

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Schofield Barracks, Hawaii	
4.PROJECT TITLE	5.PROJECT NUMBER
Vehicle Maintenance Facility Ph 1	57421

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
IDS Device	OPA	2006	35
CCTV	OPA	2006	30
Info Sys - ISC	OPA	2006	521
Info Sys - PROP	OPA	2006	1,037
		TOTAL	1,623

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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Qualification Training Range

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	57462	Auth 4,950 Approp 4,950

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				2,970
Modified Record Fire Range	FP	10 --	50,485	(505)
Automated CPQC	FP	12 --	50,330	(604)
Operations/Storage Bldg	m2 (SF)	74 (796.53)	1,791	(133)
Range Control Tower	m2 (SF)	24 (258.33)	11,468	(275)
General Instruction Building	m2 (SF)	148 (1,593)	1,762	(261)
Total from Continuation page				(1,192)
SUPPORTING FACILITIES				1,436
Electric Service	LS	--	--	(350)
Paving, Walks, Curbs & Gutters	LS	--	--	(381)
Storm Drainage	LS	--	--	(25)
Site Imp(670) Demo(10)	LS	--	--	(680)
ESTIMATED CONTRACT COST				4,406
CONTINGENCY PERCENT (5.00%)				220
SUBTOTAL				4,626
SUPV, INSP & OVERHEAD (6.50%)				301
TOTAL REQUEST				4,927
TOTAL REQUEST (ROUNDED)				4,950
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a modified qualification training range (QTR) designed for modified record fire and combat pistol qualification and training by the Current Force Brigade (CFB) of the 25th Infantry Division (Light). This range will include the following training objective features: 10 lanes of modified record fire targetry and 12 lanes of automated combat pistol qualification course targetry. Primary facilities include all construction within the perimeter of the range complex: electrical service, firing positions, target service roads, target maintenance trails, limit markers, lane markers, site improvements, site drainage, erosion control and information systems. Supporting facilities within the range operations control area (ROCA) include a control tower, operations and storage building, general instruction building, ammunition breakdown building, dual sex dry-vault latrine, covered mess, bleacher enclosure, electric service and transformers, security fencing, range flagpole, area and security lighting, storm drainage, information systems, and site improvements. Demolish buildings (2,390 SF). Air conditioning (7 tons) will be provided by self-contained unit and mechanical ventilation: 5,000 CFM. Target systems and security devices are less than $1 million and are to be funded by other procurement, Army (OPA).

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Qualification Training Range	57462

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Ammo Breakdown Building	m2	(SF)	22 (	236.81)	4,541	(100)
Dual Sex Dry Vault Latrine	m2	(SF)	22 (	236.81)	4,149	(91)
Covered Mess	m2	(SF)	74 (	796.53)	1,410	(104)
Bleacher Enclosure	m2	(SF)	55 (	592.02)	2,375	(131)
Down Range Electrical System	LS		--		--	(651)
Building Information Systems	LS		--		--	(115)
					Total	1,192

11. REQ: 22 FP ADQT: NONE SUBSTD: 19 FP

PROJECT: Construct a modified qualification training range (QTR) complex. (New Mission)

REQUIREMENT: This project is required to support the 25th ID(L) and other US Army-Hawaii (USARHAW) assigned units. Due to the significant increase in machine guns and sniper rifles, the Schofield Barracks Live-Fire Training Complex (LFTC) requires a second qualification range focused on pistols and M16 rifles to achieve weapons qualification training throughput. Additionally, this project supports the redesign of the LFTC. This project provides a site to relocate weapons qualification lanes to enable the construction of a combined arms live-fire exercise (CALFEX) facility on Schofield Barracks. This will enable the LFTC to meet all individual infantry weapons qualifications, support mobile gun system (MGS) gunnery qualifications, and provide a CALFEX range for all of an infantry company s organic weapon systems, except Javelin. Units utilizing this type of range are Active Army, National Guard and Reserve. Range supports a required throughput of 184,000 soldiers for M16 qualification, and 55,200 soldiers for combat pistol qualification course training. This project, in conjunction with QTR 1 at McCarthy Flats (PN 57461 FY04 MCA) will support the required throughput.

CURRENT SITUATION: Existing ranges at Schofield Barracks do not meet current Army standards and requirements. The specific ranges used for Modified Record Fire range and Combat Pistol Qualification Course (CPQC) on Schofield Barracks were similarly constructed and are considered non-standard due in part to non-automated target systems, excessive maintenance requirements, and conflicts with higher priority ranges or future range projects. An exception, Range CR-1, although fully automated and thermal-sight-capable, has only nine operational lanes, one of which extends beyond the existing impact area. CR-1s surface danger zone (SDZ) also conflicts with other live-fire and maneuver ranges. Due to the orientation and boundaries of the surface danger zones of the proposed Qualification Training Range 1 (Project Number (PN) 57461 FY04 MCA) and Battle Area Complex (PN 58144 FY05 MCA), the current CPQC (Range

CURRENT SITUATION: (CONTINUED)
MF-5) will be eliminated. This configuration of new ranges will increase available maneuver lands, allowing units to conduct simultaneous mounted and dismounted maneuver and live-fire qualification training within the restricted training complex at Schofield Barracks.
IMPACT IF NOT PROVIDED: If this project is not constructed, the current Schofield Barracks live-fire training complex cannot meet the qualification-training throughput requirement of the 25th ID(L) and other assigned organizations. This will lead to a reduction in readiness.
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 measures are required. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. Sustainable principles will be integrated into the design and construction phases 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. 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:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JAN 2003
(b) Percent Complete As Of January 2004	35.00
(c) Date 35% Designed	JAN 2004
(d) Date Design Complete	DEC 2004
(e) Parametric Cost Estimating Used to Develop Costs	YES

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

	($000)
(a) Production of Plans and Specifications	170
(b) All Other Design Costs	320
(c) Total Design Cost	490
(d) Contract	230
(e) In-house	260

(4) Construction Contract Award	MAR 2005
(5) Construction Start	APR 2005

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Schofield Barracks, Hawaii	
4.PROJECT TITLE	5.PROJECT NUMBER
Qualification Training Range	57462

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... OCT 2006

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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Schofield Barracks Hawaii	Battle Area Live Fire Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	58144	Auth 32,000 Approp 32,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				13,888
Stationary Infantry Tgt. Emplmt	EA	174 --	6,838	(1,190)
Stationary Armor Tgt. Emplmt.	EA	30 --	18,575	(557)
Moving Infantry Target Emplmt.	EA	14 --	9,443	(132)
Moving Armor Target Emplmt.	EA	6 --	409,633	(2,458)
Mortar Simulation Target Emplmt	EA	18 --	3,642	(66)
Total from Continuation page				(9,485)
SUPPORTING FACILITIES				14,448
Electric Service	LS	--	--	(409)
Paving, Walks, Curbs & Gutters	LS	--	--	(618)
Storm Drainage	LS	--	--	(51)
Site Imp(13,207) Demo(163)	LS	--	--	(13,370)
ESTIMATED CONTRACT COST				28,336
CONTINGENCY PERCENT (5.00%)				1,417
SUBTOTAL				29,753
SUPV, INSP & OVERHEAD (6.50%)				1,934
TOTAL REQUEST				31,687
TOTAL REQUEST (ROUNDED)				32,000
INSTALLED EQT-OTHER APPROP				(10,401)

10.Description of Proposed Construction

Construct a modified Battle Area Complex (BAX) designed for gunnery qualification and training for the weapons systems employed by the 25th Infantry Division (Light). This range supports mounted and dismounted infantry platoon tactical live-fire operations either independently of, or simultaneously with, supporting tactical vehicles. The BAX will include: two course roads with crossover capability, 30 stationary armor targets (SAT), six moving armor targets (MAT), 174 stationary infantry targets (SIT), 14 moving infantry targets (MIT), 17 machinegun/observation bunkers, two grenade and breaching obstacles, 18 mortar simulation devices, and eight hull-down defilades and vehicle firing positions. It also includes a range control center, operations and storage building, control tower, after action review (AAR) facility, covered bleachers, covered mess facility, latrine and ammunition loading dock. Primary and secondary electrical power, information and data distribution systems, heated and illuminated limit markers are required. Air conditioning (20 tons) will be provided in the range control center, and After Action Review building. Supporting facilities include electric service, access roads, parking, walks, tent pads, security fencing and gates, a range flagpole, information systems, and site improvements. Supporting facility costs are high because extensive site

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Battle Area Live Fire Complex	58144

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Defilades (Hulldown)	EA		8	--	1,570	(13)
Machinegun/Observation Bunker	EA		17	--	4,605	(78)
Grenade/Breach Facade	EA		2	--	247,080	(494)
Downrange Electrical	LS			--	--	(6,898)
After Action Review Facility	m2	(SF)	283	(3,046)	2,026	(573)
Operations/Storage Building	m2	(SF)	74	(796.53)	1,912	(141)
Ammunition Breakdown Building	m2	(SF)	11	(118.40)	4,904	(54)
Ammunition Loading Dock	m2	(SF)	105	(1,130)	334.00	(35)
Range Operations Center	m2	(SF)	200	(2,153)	2,151	(430)
Latrine	m2	(SF)	22	(236.81)	4,427	(97)
Bleacher Enclosure	m2	(SF)	55	(592.02)	2,437	(134)
Covered Mess	m2	(SF)	74	(796.53)	1,451	(107)
Observation Tower	m2	(SF)	24	(258.33)	11,500	(276)
Building Information Systems	LS			--	--	(155)
					Total	9,485

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
improvements are required due to the BAX being constructed on existing training ranges including lands currently occupied by Ranges MF-3, MF-4 and MF-5. Target systems, security devices and information systems will be funded by other procurement, Army (OPA). Unexploded ordnance (UXO) cleanup and environmental mitigation is required and will be funded separately by Operations & Maintenance, Army (OMA) funding prior to the start of construction. Demolish 10 buildings (1210 m2).

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11. REQ: 2 LN ADQT: NONE SUBSTD: NONE
PROJECT: Construct a modified Battle Area Course (BAX). (New Mission)
REQUIREMENT: This project is required to support the 25th ID(L) and other US Army-Hawaii (USARHAW) assigned units. It supports dispersed and decentralized operations, precision operations to the battalion level, the integration of long-range combat multipliers with dismounted operations, and the synchronization of mobile gun system support by fire operations with dismounted infantry maneuver. This complex supports training an infantry brigade to dominate an area many times larger than the area it currently dominates. This range also accommodates gunnery training and qualification requirements for Marine Corps, Army Reserve, and Army National Guard units. This facility satisfies the requirement for zeroing and boresighting the 105-millimeter main gun, individual and collective live-fire training qualifications, dry firing, and sub-caliber engagements. It supports Aviation and air defense artillery live-fire training.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Battle Area Live Fire Complex	58144

CURRENT SITUATION: Existing ranges at Schofield Barracks do not meet Army training standards. This BAX is a new training facility required by the new Army training strategy to support combat doctrinal training. No facility of this type exists in Hawaii.

IMPACT IF NOT PROVIDED: If this project is not provided, the transforming 25th ID(L) will receive substandard training in a less-than-realistic training environment. Commanders will continue to be forced to modify training objectives due to the current lack of modernized and automated training facilities. Without this project, there will be no ability to link live-fire training to constructive and virtual training environments. The inability to conduct live-fire exercises (CALFEX) and/or train organic company teams locally will severely diminish combat readiness. Success in training hinges largely on this BAX, which leverages advances in simulation systems in order to provide more realistic target engagement during combat scenarios. The associated information technology will manage and track these exercises, and provide immediate feedback, critical in measuring training success. Without this project, the ability to sustain force readiness throughput requirements will remain severely limited.

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 measures are required. Sustainable principles are integrated into the design and construction phases of this 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 and will be available for use by other components. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the most feasible option to satisfy the requirement. 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 2003

(b) Percent Complete As Of January 2004..... 30.00

(c) Date 35% Designed..... FEB 2004

(d) Date Design Complete..... OCT 2004

(e) Parametric Cost Estimating Used to Develop Costs YES

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4.PROJECT TITLE	5.PROJECT NUMBER
Battle Area Live Fire Complex	58144

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	700
(b) All Other Design Costs.....	2,200
(c) Total Design Cost.....	2,900
(d) Contract.....	900
(e) In-house.....	2,000

(4) Construction Contract Award.....	FEB 2005
(5) Construction Start.....	APR 2005
(6) Construction Completion.....	OCT 2006

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Target systems	OPA	2006	10,107
Info Sys - ISC	OPA	2006	294
		TOTAL	10,401

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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Pohakuloa Training Area Hawaii (Schofield Barracks)	West PTA Modifications

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	911	57411	Auth 30,000 Approp 30,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				27,818
Clear and grub	ha (AC)	46.13 (114)	1,973	(91)
Excavate ash	m3 (CY)	139,684 (182,700)	6.54	(914)
Excavate rocky areas	m3 (CY)	24,313 (31,800)	9.12	(222)
Fill	m3 (CY)	40,980 (53,600)	10.44	(428)
12" ballast layer	m3 (CY)	69,880 (91,400)	52.27	(3,653)
Total from Continuation page				(22,510)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				27,818
CONTINGENCY PERCENT (2.30%)				640
SUBTOTAL				28,458
SUPV, INSP & OVERHEAD (3.10%)				882
DESIGN/BUILD - DESIGN COST				541
TOTAL REQUEST				29,881
TOTAL REQUEST (ROUNDED)				29,881
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct approximately 28 miles of training roads within land being purchased. Training roads will be 13 feet wide with 3 feet shoulders on both sides. At slopes 10 percent or greater, ballast rock keys over the full width of the training road will be installed. Corrugated aluminum pipe culverts will be built at stream crossings with grouted riprap upstream and downstream of the culverts, and paved on the top. Purchase 22,677 acres (9,177 hectares) of fee simple land from Richard Smart Trust (Parker Ranch), Hawaii. Parker Ranch owns the land between Pohakuloa Training Area (PTA) and Mamalahoa Highway and Saddle Road. The proposed use of this land is for roadway, drop zone, and brigade task force maneuver training area. The Army has been using the property on an interim basis for artillery firing points and maneuver training area. The contingency (5%), supervision, inspection and overhead (6.5%), and design-build (4%) cost is applied only to the construction (not land purchase) portion of this project. The percentages shown in the line-item table above result when these amounts are averaged against the entire project.

11. REQ: 9,176 ha ADQT: NONE SUBSTD: NONE

PROJECT: Provide funds to purchase 22,677 acres of additional land adjacent

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
2" choke layer	m3	(CY)	12,845	(16,800)	48.37	(621)
6" Surface layer	m3	(CY)	38,228	(50,000)	67.96	(2,598)
4" leveling course	m3	(CY)	4,129	(5,400)	36.54	(151)
Slope keys	EA		206	--	269.46	(56)
Large culverts 4-60"	EA		7	--	149,850	(1,049)
Medium culverts 3-36"	EA		16	--	84,915	(1,359)
Small culverts 1-18"	EA		22	--	59,940	(1,319)
Riprap swales	m	(LF)	4,359	(14,300)	85.11	(371)
Land Purchase	ha	(AC)	9,177	(22,677)	1,633	(14,986)
					Total	22,510

PROJECT: (CONTINUED)
to Pohakuloa Training Area (PTA). Construct approximately 28 miles of training roads within the land being purchased. (New Mission)
REQUIREMENT: The additional training roads and land are required for drop zone and maneuver training area. Only 34,057 acres in the State of Hawaii are categorized as suitable for Army Training and Evaluation Program (ARTEP) maneuver training. The remaining 127,831 acres are occupied by ranges, impact areas, cantonment, or land too steep or otherwise impassable to be useful for training. PTA consists of approximately 108,792 acres of which only 19,148 acres are considered to be suitable for maneuver training purposes. Additional land is needed adjacent to PTA to expand the total maneuver area since there is a shortfall of approximately 79,692 acres identified in the Land Use Requirements Study (LURS), January 1997.
CURRENT SITUATION: A LURS concluded that there is a 32,249-acre shortfall in contiguous training and maneuver land for use by the 25th Infantry Division (Light) in the State of Hawaii. Land to the north of PTA consists of Mauna Kea, which is an inactive volcano. The lower slopes contain some endangered species and on the southern boundary lies Mauna Loa which consists of mostly volcanic lava which is not conducive for maneuver training exercises. The only area to expand is northwest which consists of the area proposed for acquisition. The present use of PTA is for maneuver and live-fire training, artillery-firing points, and drop zone use.
IMPACT IF NOT PROVIDED: If the additional training roads and land are not provided, this will have a negative impact on combat readiness as it compromises the 25th Infantry Division (Light)'s capability to train at the optimum level possible.
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Pohakuloa Training Area, Hawaii (Schofield Barracks)

4.PROJECT TITLE	5.PROJECT NUMBER
West PTA Modifications	57411

ADDITIONAL: (CONTINUED)
has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored and this project is the most cost effective. 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. 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	AUG 2003
(b) Percent Complete As Of January 2004	10.00
(c) Date 35% Designed	NOV 2004
(d) Date Design Complete	AUG 2005
(e) Parametric Cost Estimating Used to Develop Costs	YES

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: NO

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

	($000)
(a) Production of Plans and Specifications	1,100
(b) All Other Design Costs	685
(c) Total Design Cost	1,785
(d) Contract	1,770
(e) In-house	15

(4) Construction Contract Award	MAY 2005
(5) Construction Start	JUN 2005
(6) Construction Completion	AUG 2006

Installation Engineer: Don Bennett
Phone Number: (808) 656-1169

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Wheeler Army Air Field Hawaii (Schofield Barracks)	Deployment Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	852	57422	Auth 24,000 Approp 24,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				15,633
Contingency Warehouse	m2 (SF)	5,155 (55,488)	1,465	(7,552)
Alert Holding Area Facility	m2 (SF)	140 (1,507)	2,979	(417)
Vehicle Maintenance Shelter	m2 (SF)	218 (2,347)	1,888	(412)
Vehicle Wash Rack	m2 (SF)	268 (2,885)	2,511	(673)
Defueling Facility	m2 (SF)	329 (3,541)	1,532	(504)
Total from Continuation page				(6,075)
SUPPORTING FACILITIES				5,932
Electric Service	LS	--	--	(1,024)
Water, Sewer, Gas	LS	--	--	(1,221)
Paving, Walks, Curbs & Gutters	LS	--	--	(324)
Storm Drainage	LS	--	--	(554)
Site Imp(1,580) Demo(21)	LS	--	--	(1,601)
Information Systems	LS	--	--	(1,208)
ESTIMATED CONTRACT COST				21,565
CONTINGENCY PERCENT (5.00%)				1,078
SUBTOTAL				22,643
SUPV, INSP & OVERHEAD (6.50%)				1,472
TOTAL REQUEST				24,115
TOTAL REQUEST (ROUNDED)				24,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a multiple deployment facility (MDF) to support deployments from multiple airfields. The facility includes a deployment marshalling area, pre-fabricated guardhouses and document control station, wash rack, de-fuel shed, scale houses, joint inspection area, vehicle maintenance shelter, vehicle holding area, alert holding area (AHA) and contingency warehouse. An additional ammunition storage point (ASP) scale area is provided to support vehicles that are processed and then re-directed to the ASP site to be loaded with ammunition. Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer; storm drainage; fire protection and alarm systems; paving, walks, curbs and gutters; fencing; parking; information systems; and site improvements. Demolish three buildings (5,576 SF). Access for persons with disabilities will be provided. The supporting facilities cost are high due to large areas of paving and utility costs. Air conditioning (10 tons) will be provided by a self-contained system.

11. REQ: 6,027 m2 ADQT: 872 m2 SUBSTD: NONE

PROJECT: Construct a multiple deployment facility. (New Mission)

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY			Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Scale Area Shelter	m2 (SF)	696	(	7,492)	2,531	(1,762)
Scale Building	m2 (SF)	51	(	548.96)	2,172	(111)
Joint Inspection Area	m2 (SF)	566	(	6,092)	1,535	(869)
Covered Training Area	m2 (SF)	37	(	398.26)	1,019	(38)
Guard Shack	EA	2	--		21,870	(44)
Scale Area - ASP	m2 (SF)	223	(	2,400)	2,776	(619)
Concrete Hardstand	m2 (SF)	39,060	(	420,438)	64.25	(2,510)
Building Information Systems	LS		--		--	(122)
					Total	6,075

REQUIREMENT: This project is required to allow immediate transition from deployment to combat from multiple airfields (Wheeler Army Airfield, Hickam Air Force Base (AFB), and Dillingham Military Reservation).

CURRENT SITUATION: The current facilities are temporary structures and are not efficient. The existing building serves as the only permanent structure at the site, however, this building is not adequate to perform all the necessary functions for a Multiple Deployment Facility.

IMPACT IF NOT PROVIDED: If this project is not provided, the 25th Infantry Division (Light) will not be able to execute deployment within specified time. Personnel will continue to work in inadequate facilities. The facility and utility infrastructure will continue to degrade and repairs to maintain them will increase. This will have a negative impact on productivity and efficiency and will compromise the unit’s responsibilities and mission.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/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. 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. 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.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Wheeler Army Air Field, Hawaii (Schofield Barracks)

4.PROJECT TITLE	5.PROJECT NUMBER
Deployment Facility	57422

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	NOV 2002
(b) Percent Complete As Of January 2004	65.00
(c) Date 35% Designed	OCT 2003
(d) Date Design Complete	OCT 2004
(e) Parametric Cost Estimating Used to Develop Costs	YES

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

	($000)
(a) Production of Plans and Specifications	1,038
(b) All Other Design Costs	803
(c) Total Design Cost	1,841
(d) Contract	1,297
(e) In-house	544

(4) Construction Contract Award	JAN 2005
(5) Construction Start	MAR 2005
(6) Construction Completion	MAR 2006

Installation Engineer: Mr. Don Bennett
Phone Number: (808) 656-1169

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kansas		Fort Leavenworth (TRADOC/NWRO)				159
	56449	Lewis & Clark Instructional Facility Ph 2	0	44,000	C	161
		Subtotal Fort Leavenworth PART I	$ 0	44,000		
		Fort Riley (FORSCOM/NWRO)				167
	41833	Barracks Complex Renewal	41,000	41,000	C	169
	57143	Communications Center	3,050	3,050	C	172
		Subtotal Fort Riley PART I	$ 44,050	44,050		
		* TOTAL MCA FOR Kansas	$ 44,050	88,050		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Leavenworth Kansas	US Army Training and Doctrine Command (Installation Mgt Agency, Northwest Region)	1.05

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1032	1327	1351	1744	32	59	282	550	2243	8,620
B. END FY 2009	1010	1269	1300	1646	34	62	292	553	2303	8,469

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	2,281 ha (5,637 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		1,611,630
C. AUTHORIZATION NOT YET IN INVENTORY.....		147,593
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		0
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		105,417
H. GRAND TOTAL.....		1,864,640

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
171	56449	Lewis & Clark Instructional Facility Ph 2	44,000	02/2002	11/2003
		TOTAL	44,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
171	Lewis & Clark Instructional Fac Ph 3	43,000
	TOTAL	43,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 466

10. MISSION OR MAJOR FUNCTIONS:

Provides administrative and logistical support to US Army Command and General Staff College, US Army Disciplinary Barracks, US Army Combined Arms Center and other tenant organizations.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Leavenworth Kansas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $466,455, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Leavenworth Kansas	Lewis & Clark Instructional Facility Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	171	56449	Auth Approp 44,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				77,422
CGSC Instructional Facility	m2 (SF)	36,042 (387,958)	1,824	(65,736)
Special Foundations	LS	--	--	(2,910)
Antiterrorism Force Protection	LS	--	--	(1,443)
EMCS Connection	LS	--	--	(194)
IDS Installation	LS	--	--	(163)
Total from Continuation page				(6,976)
SUPPORTING FACILITIES				25,873
Electric Service	LS	--	--	(2,601)
Water, Sewer, Gas	LS	--	--	(923)
Paving, Walks, Curbs & Gutters	LS	--	--	(4,352)
Storm Drainage	LS	--	--	(879)
Site Imp(9,885) Demo(5,149)	LS	--	--	(15,034)
Information Systems	LS	--	--	(360)
Antiterrorism/Force Protection	LS	--	--	(1,724)
ESTIMATED CONTRACT COST				103,295
CONTINGENCY PERCENT (5.00%)				5,165
SUBTOTAL				108,460
SUPV, INSP & OVERHEAD (5.70%)				6,182
TOTAL REQUEST				114,642
TOTAL REQUEST (ROUNDED)				115,000
INSTALLED EQT-OTHER APPROP				(20,199)

10.Description of Proposed Construction

This project is incrementally funded. Full authorization of $115M was approved in FY2004, along with Phase 1 funding of $28M. This project, Phase 2, requests $44M in FY2005. Phase 3 funding of $43M will be requested in FY2006. Construct a Command and General Staff College (CGSC) instructional facility with modern classrooms modeled on the current Classroom XXI initiative, a language laboratory and presentation room; administrative and faculty offices; classrooms; conference rooms; two auditoriums; secure compartmented information facility; electronic access control system, restrooms, mechanical and electrical room(s), and storage areas. The historically significant stained glass windows in Bell Hall will be removed, restored, and reinstalled in the new facility. Install an intrusion detection system (IDS). Connect to an existing energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; relocation of an existing road; construct a new road with an access control point; information systems; data links to key post facilities and site improvements. Access for persons with disabilities will be provided. Heating (gas-fired) and air conditioning (1,800 tons) will be provided from new heating and air conditioning system. Demolish

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Remove/Recond./Install Windo	LS	--	--	(478)
Commisioning of Building HVAC	LS	--	--	(250)
Building Information Systems	LS	--	--	(6,248)
			Total	6,976

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
one building (377,748 SF). Anti-terrorism/force protection measures will be included. Comprehensive interior design services are required. The new road will be constructed in the initial phase and building demolition and site clean up in the final phase. Archeological survey will be accomplished with other appropriations. Supporting facilities cost is high due to transformer station upgrade, the length of electric service lines, extensive demolition with hazardous material abatement, and extensive earthwork required to prepare the site including large quantities of off-site borrow material.

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11. REQ: 48,625 m2 ADQT: 12,582 m2 SUBSTD: 36,042 m2
PROJECT: Construct a Command and General Staff College instructional facility. (Current Mission)
REQUIREMENT: This project will replace Bell Hall, a severely deteriorated substandard academic facility and the Army's only intermediate level education facility. This project is required to provide a facility servicing the Army's future leaders, sister services, Reserve Components and a select number of International Officers. It is required to provide administrative and support space for approximately 682 staff, faculty and contractor personnel including tenant units/organizations and space for distance learning capabilities to support 30 staff groups. Classroom space requirements at any one time for resident CGSOC is 96 staff groups. This project is required to meet the requirements for Joint Accreditation as required by the Goldwater-Nichols Act. It is required to provide classrooms accommodating the most current Training and Doctrine Command Classroom XXI requirements, including computer power and communications support for every faculty member and student.
CURRENT SITUATION: Bell Hall was constructed in 1958 and although major repair and renovation initiatives over the last 20 years extended its life, deteriorating physical plant, patchwork communications infrastructure, and outdated building technology cannot support the new warfighting instructional methods contained in Classroom XXI. Hazardous materials, including asbestos and lead based paint, exist in many areas posing a potential health risk. The structure is not properly braced to resist lateral or seismic forces. Building egress is inadequate and fails to meet current life safety standards. Interior finish materials and wall assemblies fail to meet life safety code

CURRENT SITUATION: (CONTINUED)

requirements for fire resistive construction. In the event of a fire, these code violations could result in significant property loss and increase the risk of personal injury or loss of life. Heating, ventilation and air conditioning (HVAC), electrical and plumbing systems fail regularly, resulting in service outages, high maintenance costs, and operational inefficiencies. Electrical panels and circuits are overloaded and generally in poor condition. Full compliance with current mechanical and electrical code requirements cannot be attained without significant expense and impact on CGSC operations. The existing facility is also energy inefficient. The exterior enclosure of Bell Hall is poorly insulated, windows are single pane, sashes/frames are broken, and mechanical/lighting systems are outdated. Additionally, the existing facility does not accommodate persons with disabilities. The existing communications infrastructure is an obsolete and poorly functioning patchwork of improvements made during the last four decades. This system cannot support current voice and data transmission requirements or the instructional methodology mandated by Classroom XXI. The current classrooms were designed to accommodate a 1:64 faculty/student ratio (approximately 44 NSF/student). These classrooms do not adequately support Classroom XXI and 'Army After-Next' initiatives. The CGSC staff group concept envisions a 1:16 faculty/student ratio. As an interim measure each existing CGSC classroom has been subdivided into four areas (quads), but the size of these partitioned areas is significantly less than the Classroom XXI standard. These partitioned areas also adversely affect HVAC distribution, resulting in a poor learning environment. The present facility provides, on average, only four duplex outlets and telephone jacks per classroom. The Classroom XXI initiative requires one outlet/communications jack per student and faculty member. Additionally, the current offices no longer adequately support the CGSC mission. Three faculty members occupy many offices designed for two. This overcrowding has an adverse impact on the efficiency and flexibility of the CGSC staff. Consequently, faculty members often view the facility as hampering, rather than supporting, the CGSC mission.

IMPACT IF NOT PROVIDED: If this project is not provided, deterioration of the existing mechanical, electrical and communications systems will accelerate, increasing the probability of a major system failure. Complete failure of one or more building systems would result in curtailment or suspension of CGSC operations. Classroom XXI and 'Army-After-Next' objectives will not be fully executed. Students and faculty safety may be compromised due to inadequate building egress, lack of flame resistive construction, and inadequate fire containment features. Hazardous materials, including asbestos and lead paint, will continue to be a potential health risk. Student and faculty access to state-of-the-art technology required to teach advanced warfighting skills will remain limited due to the existing facility deficiencies. Administrative offices will remain overcrowded and lack basic support for automation.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
Lewis & Clark Instructional Facility Ph 2	56449

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. 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 this 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. 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	FEB 2002
(b)	Percent Complete As Of January 2004	100.00
(c)	Date 35% Designed	JUL 2002
(d)	Date Design Complete	NOV 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	5,300
(b)	All Other Design Costs	1,700
(c)	Total Design Cost	7,000
(d)	Contract	5,000
(e)	In-house	2,000

(4)	Construction Contract Award	MAR 2004
(5)	Construction Start	APR 2004
(6)	Construction Completion	JAN 2007

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
Lewis & Clark Instructional Facility Ph 2	56449

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
IDS Equipment	OPA	2005	2,719
Equipment and Devices	OPA	2005	369
Common Bldg Devices	OPA	2005	1,250
Classroom AV/DL Req (92)	OPA	2005	5,364
CAS3 DL Suites (30)	OPA	2005	557
Conf Rm AV/Automation	OPA	2005	145
Auditorium AV/Auto (2)	OPA	2005	292
Staff and Fac Auto (609)	OPA	2005	800
Computer/Language Lab (2)	OPA	2005	184
SSSO Classroom AV/Auto (2)	OPA	2005	89
System Integration	OPA	2005	1,302
Info Sys - ISC	OPA	2006	230
Info Sys - PROP	OPA	2006	6,898
		TOTAL	20,199

Installation Engineer: LTC Harold Waugh
Phone Number: 913-684-5646

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Riley Kansas	US Army Forces Command (Installation Mgt Agency, Northwest Region)	1.08

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1054	8816	1717	0	10	0	17	154	3266	15,034
B. END FY 2009	1045	8873	1829	0	10	0	17	156	3365	15,295

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	40,734 ha (100,656 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,974,307
C. AUTHORIZATION NOT YET IN INVENTORY.....		286,755
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		44,050
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		23,455
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		102,682
H. GRAND TOTAL.....		3,431,249

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	41833	Barracks Complex Renewal	41,000	07/2003	08/2004
131	57143	Communications Center	3,050	08/2003	05/2005
		TOTAL	44,050		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
178	Automated Multipurpose Training Range	23,455
	TOTAL	23,455

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 275

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Riley Kansas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $274,780, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Riley Kansas	Barracks Complex Renewal

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	41833	Auth 41,000 Approp 41,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				31,928
Barracks/SCB	m2 (SF)	10,608 (114,184)	1,543	(16,372)
Dining Facility	m2 (SF)	2,559 (27,550)	2,744	(7,024)
Company Operations Facilities	m2 (SF)	3,339 (35,945)	1,567	(5,233)
Special Foundation	LS	--	--	(1,548)
EMCS Connection	LS	--	--	(128)
Total from Continuation page				(1,623)
SUPPORTING FACILITIES				5,361
Electric Service	LS	--	--	(521)
Water, Sewer, Gas	LS	--	--	(154)
Steam And/Or Chilled Water Dist	LS	--	--	(119)
Paving, Walks, Curbs & Gutters	LS	--	--	(719)
Storm Drainage	LS	--	--	(81)
Site Imp(453) Demo(2,826)	LS	--	--	(3,279)
Information Systems	LS	--	--	(164)
Antiterrorism/Force Protection	LS	--	--	(324)
ESTIMATED CONTRACT COST				37,289
CONTINGENCY PERCENT (5.00%)				1,864
SUBTOTAL				39,153
SUPV, INSP & OVERHEAD (5.70%)				2,232
TOTAL REQUEST				41,385
TOTAL REQUEST (ROUNDED)				41,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a barracks complex including barracks, dining facility, and company operations facilities. Install utility meters and an energy monitoring and control system (EMCS). Install intrusion detection systems (IDS) in the arms rooms. Special foundation will be required because of the expansive soils. Supporting facilities include utility extension and connections; underground electric service; exterior lighting; fire protection and alarm system; access roads; paving, walks, curbs and gutters; parking; storm drainage; signs; information systems; and site improvements. Heating will be provided by self-contained gas-fired boilers. Air conditioning will be provided by self-contained chillers (420 tons). Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (223,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related interior design services are required.

11. REQ: 3,605 PN ADQT: 3,025 PN SUBSTD: 580 PN

PROJECT: Construct a barracks complex. (Current Mission)

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
IDS Installation	LS	--	--	(3)
Antiterrorism Force Protection	LS	--	--	(1,066)
Building Information Systems	LS	--	--	(554)
			Total	1,623

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum utilization is 312 soldiers.
CURRENT SITUATION: The existing gang latrine barracks are old 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.
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. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $2M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Riley, KS. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 268 personnel 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..... JUL 2003

(b) Percent Complete As Of January 2004..... 35.00

(c) Date 35% Designed..... DEC 2003

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Riley, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex Renewal	41833

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Date Design Complete..... AUG 2004
(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 Riley

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

(a)	Production of Plans and Specifications.....	1,800
(b)	All Other Design Costs.....	200
(c)	Total Design Cost.....	2,000
(d)	Contract.....	
(e)	In-house.....	2,000

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... JUN 2005

(6) Construction Completion..... JUN 2007

Installation Engineer: LTC Wesley B. Anderson
Phone Number: 785-239-3906

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Riley Kansas	Communications Center

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	131	57143	Auth 3,050 Approp 3,050

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				1,407
Communications Center	m2 (SF)	404.69 (4,356)	2,422	(980)
Anti-terrorism /Force Protectio	LS	--	--	(127)
Special Foundation	LS	--	--	(271)
Building Information Systems	LS	--	--	(29)
SUPPORTING FACILITIES				1,220
Electric Service	LS	--	--	(216)
Water, Sewer, Gas	LS	--	--	(71)
Paving, Walks, Curbs & Gutters	LS	--	--	(181)
Storm Drainage	LS	--	--	(23)
Site Imp(161) Demo(70)	LS	--	--	(231)
Information Systems	LS	--	--	(337)
Antiterrorism/Force Protection	LS	--	--	(161)
ESTIMATED CONTRACT COST				2,627
CONTINGENCY PERCENT (5.00%)				131
SUBTOTAL				2,758
SUPV, INSP & OVERHEAD (5.70%)				157
DESIGN/BUILD - DESIGN COST				110
TOTAL REQUEST				3,025
TOTAL REQUEST (ROUNDED)				3,050
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a replacement building for the Custer Hill communications center in support of the Digital Switch Upgrade. Construction will provide the switch room, battery room, mechanical room, administrative space for telephone operators, and an extension to the cable vault. Project includes demolition of the existing building (3,386 SF) after the new digital switch equipment is installed and all services transferred. All work needs to be accomplished while the existing switch remains in operation. Anti-terrorism measures include an alarm system, access control system and structural reinforcement. Special foundations are required. Supporting facilities include site work, replacement of utilities, storm drainage and relocating the parking lot a greater distance from the building. Force protection supporting facilities include exterior lighting, an access gate for the exclusion area, and vehicle barrier berms. Heating will be provided by self-contained gas-fired units. Air conditioning (20 tons) and humidity controls will be provided by self-contained units. Access for persons with disabilities will be provided.

11. REQ: 1,225 m2 ADQT: 750 m2 SUBSTD: 318 m2

PROJECT: Construct a communications center. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004
3.INSTALLATION AND LOCATION		
Fort Riley, Kansas		
4.PROJECT TITLE		5.PROJECT NUMBER
Communications Center		57143

REQUIREMENT: This project is required for new switching equipment for telephone service at Fort Riley. This building also is used for fiber optic equipment. Functional areas of the building will include the switch room, cable termination rack, battery back-up room, space for the three switch men and five operators, and staff support areas. The communications center must remain operational while the replacement building is constructed. Installing the new digital switch, moving switch equipment and fiber optic equipment, extending cables, and the main distribution frame are not construction funded and are an Information Systems Engineering Command funded cost. The communications center is a critical and mission essential facility.
CURRENT SITUATION: The current facility is undersized and the floor of the switch room has failed. Space required for the switch is 1,600 square feet, only 1,223 square feet are available. Due to expansive soils, the floor of the building has failed. As the expansive clay under the building dried, it has shrunk allowing the floor to settle up to five inches. Equipment supported by the floor has been racked making it difficult to remove components for repair. During initial design analysis, it was determined that the existing structure does not have sufficient seismic reinforcement making repair and expansion of the current facility not practical.
IMPACT IF NOT PROVIDED: If this project is not provided, telephone service will have a high probability of being disrupted. As the new switch is fielded, it will be installed in the current switch area. This area is both undersized and the floor has failed. Both the existing equipment as it is moved and the new equipment will be subject to damage. Circuit boards already under tremendous strain could be damaged or electrical contacts broken.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... AUG 2003
(b) Percent Complete As Of January 2004..... 20.00
(c) Date 35% Designed..... MAR 2004
(d) Date Design Complete..... MAY 2005

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Riley, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
Communications Center	57143

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(a)	Production of Plans and Specifications.....	120
(b)	All Other Design Costs.....	155
(c)	Total Design Cost.....	275
(d)	Contract.....	160
(e)	In-house.....	115

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... MAR 2005

(6) Construction Completion..... APR 2006

Installation Engineer: WESLEY B. ANDERSON, LTC
Phone Number: 785-239-3906

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Kentucky		Fort Campbell (FORSCOM/SERO)				177
	18696	Command and Control Facility	33,000	33,000	C	179
	36403	Barracks Complex-42nd St/Indiana Ave Ph 1	55,000	30,000	C	182
	57763	Shoot House	1,600	1,600	C	185
		Subtotal Fort Campbell PART I	$ 89,600	64,600		
		Fort Knox (TRADOC/SERO)				189
	51975	Basic Combat Training Complex 1 Ph 1	72,000	50,000	C	191
		Subtotal Fort Knox PART I	$ 72,000	50,000		
		* TOTAL MCA FOR Kentucky	$ 161,600	114,600		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Campbell Kentucky	US Army Forces Command (Installation Mgt Agency, Southeast Region)	1.05

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	2923	20279	1993	6	149	0	23	187	7775	33,335
B. END FY 2009	2920	20642	2088	12	149	0	23	187	7775	33,796

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	42,573 ha (105,200 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		4,453,916
C. AUTHORIZATION NOT YET IN INVENTORY.....		530,754
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		89,600
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		51,400
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		481,646
H. GRAND TOTAL.....		5,607,316

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
610	18696	Command and Control Facility	33,000	07/2001	02/2005
721	36403	Barracks Complex-42nd St/Indiana Ave Ph 1	30,000	11/2002	07/2005
178	57763	Shoot House	1,600	01/2003	09/2004
		TOTAL	64,600		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
721	Barracks Complex 42d St/Indiana Ave Ph 2	25,000
721	Whole Barracks Revite Aviation B	50,000
179	Urban Assault Course	1,400
	TOTAL	76,400

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 351

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne (Air Assault) Division, the 160th Special Operations Aviation Regiment, 5th Special Forces Group, 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.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Campbell Kentucky

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

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $351,017, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Campbell Kentucky	Command and Control Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	610	18696	Auth 33,000 Approp 33,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				23,941
Headquarters Facility	m2 (SF)	8,522 (91,726)	2,068	(17,624)
Re-route 30th Street	m (LF)	1,737 (5,700)	2,572	(4,468)
IDS Installation	LS	--	--	(78)
Antiterrorism/Force Protection	LS	--	--	(565)
EMCS Connection	LS	--	--	(30)
Building Information Systems	LS	--	--	(1,176)
SUPPORTING FACILITIES				4,949
Electric Service	LS	--	--	(1,003)
Water, Sewer, Gas	LS	--	--	(150)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,175)
Storm Drainage	LS	--	--	(147)
Site Imp(567) Demo(1,238)	LS	--	--	(1,805)
Information Systems	LS	--	--	(669)
ESTIMATED CONTRACT COST				28,890
CONTINGENCY PERCENT (5.00%)				1,445
SUBTOTAL				30,335
SUPV, INSP & OVERHEAD (5.70%)				1,729
DESIGN/BUILD - DESIGN COST				1,368
TOTAL REQUEST				33,432
TOTAL REQUEST (ROUNDED)				33,000
INSTALLED EQT-OTHER APPROP				(1,524)

10.Description of Proposed Construction

Construct a Division Command and Control Facility. This facility will include administrative areas, deployment storage, emergency operations space, secure operations area, conference rooms, and break area. Work will also include re-routing and extending a portion of 30th Street. Connect to the existing energy monitoring and control system (EMCS). Install a standby power generator, building information systems, and an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; parking and access roads; paving, walks, curbs and gutters; storm drainage; building information systems, concrete pads for tactical vehicle parking, and site improvements. Access for persons with disabilities will be provided. Heating and air conditioning (220 tons) will be provided by self-contained units. Demolish 23 buildings (85,728 SF). Comprehensive interior design is required. Antiterrorism/force protection (AT/FP) measures will include laminated glass and traffic control barriers.

11. REQ: 8,522 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct a Division Command and Control Facility. (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Command and Control Facility	18696

REQUIREMENT: This project is required to provide a safe, healthy, and productive working environment for the soldiers and staff of the 101st Airborne Division (Air Assault) Command and Control functions and all General Staff functions. This project will consolidate the functions currently housed in World War II buildings. Consolidation of these functions into one complex will eliminate health and safety hazards and reduce coordination and transportation time. There are currently no other on-post facilities available or adequate to accommodate these functions.

CURRENT SITUATION: Existing World War II buildings threaten the health and safety of soldiers and civilians because of environmental contaminants; electric and fire code deficiencies; poor lighting and ventilation; lack of air conditioning; deteriorated walls, ceilings, and roofs; and unreliable power and communication systems. Current post administrative functions are dispersed throughout a wide area in separate wood buildings. Several of these buildings were constructed in the early 1940s under mobilization construction criteria. The supporting utilities and parking areas were developed based on design criteria that is over 50 years old. These facilities have been modified several times throughout the years to support different functions. The current situation includes overcrowded work environments, parking limitations, traffic congestion, and security/life safety concerns.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and civilians will continue to work in buildings that do not meet current life safety criteria. These conditions reduce productivity, increase the risk of injuries and accidents, and threaten the well-being of each staff member.

ADDITIONAL: 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. 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:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JUL 2001
(b) Percent Complete As Of January 2004	15.00
(c) Date 35% Designed	SEP 2004
(d) Date Design Complete	FEB 2005
(e) Parametric Cost Estimating Used to Develop Costs	YES

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Command and Control Facility	18696

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	506
(b) All Other Design Costs.....	322
(c) Total Design Cost.....	828
(d) Contract.....	529
(e) In-house.....	299

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... JAN 2005

(6) Construction Completion..... JAN 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	2006	1,524
		TOTAL	1,524

Installation Engineer: Mr. Larry Martin
Phone Number: (270)798-2909

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Campbell Kentucky	Barracks Complex-42nd St/Indiana Ave Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	36403	Auth 55,000 Approp 30,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				37,119
Enlisted Unaccompanied Personne	m2 (SF)	17,144 (184,536)	1,618	(27,745)
Dining Facility	m2 (SF)	2,080 (22,389)	2,704	(5,624)
Building Commisioning Costs	LS	--	--	(2,950)
Antiterrorism/Force Protection	LS	--	--	(400)
Building Information Systems	LS	--	--	(400)
SUPPORTING FACILITIES				10,319
Electric Service	LS	--	--	(1,232)
Water, Sewer, Gas	LS	--	--	(419)
Paving, Walks, Curbs & Gutters	LS	--	--	(3,834)
Storm Drainage	LS	--	--	(525)
Site Imp(1,346) Demo(2,328)	LS	--	--	(3,674)
Information Systems	LS	--	--	(68)
Antiterrorism/Force Protection	LS	--	--	(567)
ESTIMATED CONTRACT COST				47,438
CONTINGENCY PERCENT (5.00%)				2,372
SUBTOTAL				49,810
SUPV, INSP & OVERHEAD (5.70%)				2,839
DESIGN/BUILD - DESIGN COST				2,002
TOTAL REQUEST				54,651
TOTAL REQUEST (ROUNDED)				55,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct an incrementally funded barracks complex. This project requests full authorization of $55M, and a Phase 1 funding increment of $30M. The remaining Phase 2 funding increment ($25M) will be requested in a future year. The complex includes barracks and a dining facility. Also included are connection to energy monitoring and control systems (EMCS), and connection to existing utilities and energy sources. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutter; parking; access roads; storm drainage; information systems; and site improvements. Heating will be provided by gas-fired units and air conditioning (200 tons) by self-contained units. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (82,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. As authorized by Public Law 107-107, this project has been selected for the Building Commissioning demonstration program to reduce long-term facility maintenance costs.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004
3.INSTALLATION AND LOCATION		
Fort Campbell, Kentucky		
4.PROJECT TITLE		5.PROJECT NUMBER
Barracks Complex-42nd St/Indiana Ave Ph 1		36403

11. REQ: 7,975 PN ADQT: 5,959 PN SUBSTD: 2,016 PN

PROJECT: Construct a barracks complex. (Current Mission)

REQUIREMENT: This project is required to provide living and dining facilities for soldiers that meet current standards. The maximum barracks utilization is 504 soldiers.

CURRENT SITUATION: The existing gang latrine barracks and dining facility are old and are severely deteriorated.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live and dine 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. 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 design, development, and construction of this 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. The Facility will be available for use by other components. During the past two years, about $7M was spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Campbell, KY. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 1,800 personnel 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..... NOV 2002

(b) Percent Complete As Of January 2004..... 15.00

(c) Date 35% Designed..... OCT 2004

(d) Date Design Complete..... JUL 2005

(e) Parametric Cost Estimating Used to Develop Costs YES

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Campbell

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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-42nd St/Indiana Ave Ph 1	36403

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	100
(b) All Other Design Costs.....	900
(c) Total Design Cost.....	1,000
(d) Contract.....	
(e) In-house.....	1,000

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2007

Installation Engineer: COL James F. Duttweiler
Phone Number: (207)798-9700

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Campbell Kentucky	Shoot House

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	57763	Auth 1,600 Approp 1,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				1,206
Shoothouse	m2 (SF)	547 (5,888)	1,683	(920)
Latrine	m2 (SF)	5 (53.82)	4,465	(22)
Mobile AAR Pad	LS	--	--	(41)
Range Site Development	LS	--	--	(223)
SUPPORTING FACILITIES				220
Electric Service	LS	--	--	(120)
Paving, Walks, Curbs & Gutters	LS	--	--	(77)
Storm Drainage	LS	--	--	(23)
ESTIMATED CONTRACT COST				1,426
CONTINGENCY PERCENT (5.00%)				71
SUBTOTAL				1,497
SUPV, INSP & OVERHEAD (5.70%)				85
TOTAL REQUEST				1,582
TOTAL REQUEST (ROUNDED)				1,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a special operations forces live-fire, ball ammunition capable, shoot house. Primary facilities are located within the perimeter of the complex and consist of a shoot house, mobile after action review (AAR) support pad, latrines, and site improvements. Supporting facilities consist of electrical distribution, storm drainage, access road and parking, and site improvements. Targetry and a mobile AAR will be provided by other appropriations. Anti-terrorism/force protection measures include reinforced metal doors, security grates for windows, and exterior lighting.

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

PROJECT: Construct a special operations forces live-fire shoot house. (Current Mission)

REQUIREMENT: This project is required to support the 5th Special Forces units undergoing urban operations training at Fort Campbell, as well as 101st Airborne soldiers. Specifically, the shoot house will be embedded with sufficient targetry receptacles to safely track and manage forces undergoing individual and collective live-fire training. This facility will be fully instrumented to provide integrated data "play back" for after action review of live-fire training events. The shoot house will facilitate training for

REQUIREMENT: (CONTINUED)
individual soldiers through platoon level.
CURRENT SITUATION: Presently, the 5th Special Forces use Fort Campbell's shoot house facilities which do not meet the requirements of the Combined Arms MOUT Task Force (CAMTF) training doctrine.
IMPACT IF NOT PROVIDED: If this project is not provided, the soldiers of the 5th Special Forces, and others who will use this new facility, will not receive training consistent with the current doctrine. This training is essential to obtain and sustain necessary combat proficiency required to win in an urban environment. Lack of appropriate training facilities could adversely effect the accomplishment of their mission in future conflicts.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JAN 2003
(b) Percent Complete As Of January 2004	30.00
(c) Date 35% Designed	FEB 2004
(d) Date Design Complete	SEP 2004
(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:
Torii Commo Station JA87A

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

	($000)
(a) Production of Plans and Specifications	65
(b) All Other Design Costs	235
(c) Total Design Cost	300
(d) Contract	180
(e) In-house	120

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Campbell, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Shoot House	57763

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... JAN 2005

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

Installation Engineer: COL James F. Duttweiler
Phone Number: 270-798-9700

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Knox Kentucky	US Army Training and Doctrine Command (Installation Mgt Agency, Southeast Region)	1.05

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1134	6566	2574	427	7899	0	143	536	4105	23,384
B. END FY 2009	1044	5992	2786	430	7448	0	137	431	4207	22,475

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	44,203 ha (109,228 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,789,935
C. AUTHORIZATION NOT YET IN INVENTORY.....		139,536
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		72,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		11,545
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		166,353
H. GRAND TOTAL.....		4,179,369

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	51975	Basic Combat Training Complex 1 Ph 1	50,000	01/2004	07/2005
		TOTAL	50,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
214	Vehicle Maintenance Shop-Organizational	7,500
178	Multipurpose Machine Gun Range	1,726
721	Basic Combat Training Complex 1 Ph 2	24,000
178	Auto Rec Fir Rg Ditto Hil	2,319
	TOTAL	35,545

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (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, 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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Knox Kentucky

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
Group, U.S. Army Information System Command, Logistical Assistance and Protection of Gold Depository, Det 5, 5th Weather Squadron (USAF), USA NCO Academy/Drill Sergeant School, U.S. Army Legal Services Agency, AMC Logistic Assistance Office - Fort Knox, Fort Knox District, Third Region, USACIDC, TRADOC Management Engineering Agency, U.S. Army TMDE Support Operation, Summer Training, Reserve and National Guard Training Support, Support of Civilian Components.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Knox Kentucky	Basic Combat Training Complex 1 Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	721	51975	Auth 72,000 Approp 50,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				54,239
Barracks/Co Opns	m2 (SF)	28,800 (310,000)	1,513	(43,574)
Bn HQ & Classrooms	m2 (SF)	2,111 (22,725)	1,685	(3,557)
Central Energy Plant	LS	--	--	(2,952)
EMCS Connection	EA	7 --	48,856	(342)
Running Track	EA	1 --	130,001	(130)
Total from Continuation page				(3,684)
SUPPORTING FACILITIES				8,412
Electric Service	LS	--	--	(564)
Water, Sewer, Gas	LS	--	--	(875)
Steam And/Or Chilled Water Dist	LS	--	--	(386)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,009)
Storm Drainage	LS	--	--	(343)
Site Imp(1,658) Demo(2,227)	LS	--	--	(3,885)
Information Systems	LS	--	--	(1,018)
Antiterrorism/Force Protection	LS	--	--	(332)
ESTIMATED CONTRACT COST				62,651
CONTINGENCY PERCENT (5.00%)				3,133
SUBTOTAL				65,784
SUPV, INSP & OVERHEAD (5.70%)				3,750
DESIGN/BUILD - DESIGN COST				2,631
TOTAL REQUEST				72,165
TOTAL REQUEST (ROUNDED)				72,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct Phase 1 of an incrementally-funded Basic Combat Training complex for a five company basic training battalion. The full authorization of $72M is requested in FY 2005, along with Phase 1 funding of $50M. The balance of this incrementally funded project will be requested in future year programs. This form describes the scope and cost estimate of the entire two-increment project. Project includes open-bay billeting space, five company operations, classroom space, covered training areas, battalion headquarters, and a running track. Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm system; access roads and parking; paving, walks, curbs and gutters; troop formation area; signage; information systems; and site improvements. Demolish 120 buildings (371,130 square feet), including asbestos and lead paint abatement. Anti-terrorism/force protection (AT/FP) measures include standoff distances, laminated glass and vehicle barriers. Comprehensive interior design services are required. Access for people with disabilities will be provided where required.

11. REQ: 5,877 PN ADQT: NONE SUBSTD: 5,877 PN

PROJECT: Construct Phase 1 of a Basic Combat Training complex. (Current

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Intrusion Alarm System	LS	--	--	(22)
Antiterrorism Force Protection	LS	--	--	(2,200)
Building Information Systems	LS	--	--	(1,462)
			Total	3,684

PROJECT: (CONTINUED)
Mission)
REQUIREMENT: This project is required to provide adequate housing and training space for initial entry soldiers receiving basic training at Fort Knox. Training companies are increasing in size from 200 soldiers to 240 soldiers with no increase in facility space.
CURRENT SITUATION: Fort Knox currently houses ten companies of basic trainees in ten hammerhead barracks constructed in the early 1950s. These billets are the oldest basic trainee spaces in the Army, and they are in a deteriorated condition. The number of showers, toilets, urinals, sinks, washers, and dryers available to the 240 soldiers per building is grossly inadequate for the amount of time available for use.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Knox will continue to house and train basic trainee soldiers in inadequate existing 1950s era hammerhead barracks.
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 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. 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.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Basic Combat Training Complex 1 Ph 1	51975

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JAN 2004
(b) Percent Complete As Of January 2004	15.00
(c) Date 35% Designed	MAY 2005
(d) Date Design Complete	JUL 2005
(e) Parametric Cost Estimating Used to Develop Costs	YES

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort Leonard Wood

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

	($000)
(a) Production of Plans and Specifications	200
(b) All Other Design Costs	1,100
(c) Total Design Cost	1,300
(d) Contract	1,200
(e) In-house	100

(4) Construction Contract Award	MAR 2005
(5) Construction Start	JUL 2005
(6) Construction Completion	JUL 2007

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

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

Installation Engineer: Colonel Joseph V. Muscarella
Phone Number: 502-624-2151

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Louisiana		Fort Polk (FORSCOM/SWRO)				197
	56518	Pallet Processing Facility	8,800	8,800	N	199
	56537	Ammunition Supply Point Upgrade	7,500	7,500	N	202
	56583	Hazardous Cargo Loading Apron	14,503	14,503	N	205
	57020	Passenger Processing Facility	11,700	11,700	N	208
	57168	Fixed Wing Aircraft Parking Apron	25,000	25,000	N	211
	57672	Urban Assault Course	3,450	3,450	N	214
		Subtotal Fort Polk PART I	$ 70,953	70,953		
		* TOTAL MCA FOR Louisiana	$ 70,953	70,953		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Polk Louisiana	US Army Forces Command (Installation Mgt Agency, Southwest Region)	0.93

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1052	7279	1898	0	248	0	886	7048	2732	21,143
B. END FY 2009	1028	7489	1470	2	265	0	889	7048	2732	20,923

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	80,520 ha (198,968 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,650,624
C. AUTHORIZATION NOT YET IN INVENTORY.....		185,860
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		70,953
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		37,900
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		136,910
H. GRAND TOTAL.....		3,082,247

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
113	56583	Hazardous Cargo Loading Apron	14,503	11/2002	05/2004
422	56537	Ammunition Supply Point Upgrade	7,500	11/2002	06/2004
141	56518	Pallet Processing Facility	8,800	11/2002	07/2004
141	57020	Passenger Processing Facility	11,700	12/2002	09/2004
113	57168	Fixed Wing Aircraft Parking Apron	25,000	11/2002	05/2004
179	57672	Urban Assault Course	3,450	02/2003	07/2004
		TOTAL	70,953		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
178	Digital Multipurpose Range Complex	29,000
442	Unit Storage	8,900
	TOTAL	37,900

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 229

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Polk Louisiana

10. MISSION OR MAJOR FUNCTIONS:

The US Army Garrison, Fort Polk will enhance readiness and provide infrastructure and facilities in order to directly support the Senior Mission Commander and facilitate the accomplishment of his mission (as well as the missions assigned to all supporting and supported tenant activities). The Garrison will promote well-being in order to enhance morale and quality of life for the extended community that Fort Polk serves. End State. We will have successfully completed the transformation process when we have completed all requirements associated with the Army s transformation to the Objective Force, have the most capable power projection platform in the region, and have a modern installation that is capable of providing first-class services to the soldiers and people who train, deploy, mobilize, live, work, and play on Fort Polk.

---

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $228,504, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1390C

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Polk Louisiana	Pallet Processing Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	141	56518	Auth 8,800 Approp 8,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				6,277
Pallet Processing Facility	m2 (SF)	4,970 (53,500)	1,146	(5,696)
Two Tier Pallet Support System	EA	1 --	207,400	(207)
JSIDS	EA	4 --	5,290	(21)
Special Foundations	m2 (SF)	4,970 (53,500)	67.48	(335)
Building Information Systems	LS	--	--	(18)
SUPPORTING FACILITIES				1,676
Electric Service	LS	--	--	(95)
Water, Sewer, Gas	LS	--	--	(73)
Paving, Walks, Curbs & Gutters	LS	--	--	(490)
Storm Drainage	LS	--	--	(130)
Site Imp(327) Demo(502)	LS	--	--	(829)
Information Systems	LS	--	--	(12)
Antiterrorism/Force Protection	LS	--	--	(47)
ESTIMATED CONTRACT COST				7,953
CONTINGENCY PERCENT (5.00%)				398
SUBTOTAL				8,351
SUPV, INSP & OVERHEAD (5.70%)				476
TOTAL REQUEST				8,827
TOTAL REQUEST (ROUNDED)				8,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a pallet processing facility to store and process the 463L pallet systems and equipment. Primary facility includes a four bay pallet/storage building with office space, vehicle loading area, three pallet building scales, and building information systems. Install continuous turning lane along Texas Avenue. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; sewer; paving, access roads and parking; storm drainage; information systems; and site improvements. Special foundation work is required. Anti-terrorism/force protection (AT/FP) measures consist of chain link fence and two motorized gates. Air conditioning: 3 tons. Demolish 13 buildings (62,773 SF). Supporting facility cost are high due to site preparation and foundation requirements.

11. REQ: 7,413 m2 ADQT: 1,189 m2 SUBSTD: 650 m2

PROJECT: Construct a pallet processing facility. (New Mission)

REQUIREMENT: This project is required to provide a 463L pallet processing facility at Fort Polk, Louisiana to facilitate and expedite installation-level deployment requirements. It will provide a modern, centralized and efficient processing facility to support deployment efforts for contingency force units,

REQUIREMENT: (CONTINUED)
including the 2d Armored Cavalry Regiment (2ACR). Once the 2ACR deploys, this facility is required to support 10 rotations of units participating in the Joint Readiness Training Center exercises, 28 Warrior Brigade units (16 Force Support Package One), and 110 Reserve Component, both Guard and Reserve, units upon deployment. The 463L Pallet System is designed to handle bulk and oversized non-vehicular equipment on Air Force Aircraft. In addition, dunnage and tool kits must be stored in a secure area for any contingency. The facility must be of adequate size to permit inside loading and staging.
CURRENT SITUATION: There is no installation level pallet processing facility on Fort Polk. Tenant, rotational units, and deploying units must configure pallets for deployment in their respective unit areas. All pallets, netting and necessary equipment must be drawn from the Installation Transportation Office (ITO).
IMPACT IF NOT PROVIDED: If this project is not provided, 463L pallet processing capabilities will be limited and the ability of the installation to support contingency deployment operations will be impaired. It will adversely affect units rotating through the Joint Readiness Training Center. Loading requirements will continue in an inefficient, costly and unsafe manner.
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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... NOV 2002
(b) Percent Complete As Of January 2004..... 60.00
(c) Date 35% Designed..... SEP 2003
(d) Date Design Complete..... JUL 2004
(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:

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Pallet Processing Facility	56518

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design: NO

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

(a)	Production of Plans and Specifications.....	425
(b)	All Other Design Costs.....	155
(c)	Total Design Cost.....	580
(d)	Contract.....	125
(e)	In-house.....	455

(4) Construction Contract Award..... NOV 2004

(5) Construction Start..... JAN 2005

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

Installation Engineer: David Broyles
Phone Number: (337) 531-6184

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Polk Louisiana	Ammunition Supply Point Upgrade

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	422	56537	Auth 7,500 Approp 7,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				5,348
Renovate Building 4107	m2 (SF)	1,447 (15,580)	437.74	(634)
Earth Covered Ammunition Igloo	m2 (SF)	1,268 (13,650)	2,411	(3,058)
Open Air Storage Bldg.	m2 (SF)	185.81 (2,000)	398.47	(74)
IDS Installation	LS	--	--	(15)
Special Foundation	LS	--	--	(177)
Total from Continuation page				(1,390)
SUPPORTING FACILITIES				1,367
Electric Service	LS	--	--	(121)
Water, Sewer, Gas	LS	--	--	(78)
Paving, Walks, Curbs & Gutters	LS	--	--	(407)
Storm Drainage	LS	--	--	(28)
Site Imp(477) Demo(194)	LS	--	--	(671)
Information Systems	LS	--	--	(2)
Antiterrorism/Force Protection	LS	--	--	(60)
ESTIMATED CONTRACT COST				6,715
CONTINGENCY PERCENT (5.00%)				336
SUBTOTAL				7,051
SUPV, INSP & OVERHEAD (5.70%)				402
TOTAL REQUEST				7,453
TOTAL REQUEST (ROUNDED)				7,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct six earth-covered ammunition igloos (Hayman Magazines) and renovate one aboveground magazine for storage of unit basic load (UBL). Construct one three-sided open air storage building. Provide building information systems. Install an intrusion detection system (IDS). Supporting facilities include electric service, exterior lighting, water line extensions, internal road network and perimeter road, paving, parking, loading dock and ramp, storm drainage, information systems, and site improvements. Anti-terrorism/force protection (AT/FP) measures include security fencing and lighting. Supporting facilities cost is high due to pavement work and site improvements. Demolish four buildings (17,662 SF).

11. REQ: 7,918 m2 ADQT: 3,679 m2 SUBSTD: 2,540 m2

PROJECT: Construct six earth covered ammunition igloos, one standard aboveground magazine, and one three-sided open air storage building. (New Mission)

REQUIREMENT: This project is required to provide additional ammunition storage for units designated for deployment from Fort Polk. Once the 2d Armored Cavalry Regiment (2ACR) deploys, other deployable units on Fort Polk (10 rotations of units participating in Joint Readiness Training Center (JRTC)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Loading Area, Existing ECM	m2	(SF)	1,288	(13,861)	507.41	(653)
4’ High Loading Dock w/ Ramp	m2	(SF)	178.37	(1,920)	507.42	(91)
POV Parking - Loading Area & EC	m2	(SF)	980.31	(10,552)	507.30	(497)
Building Information Systems	LS		--		--	(149)
					Total	1,390

REQUIREMENT: (CONTINUED)
rotations, 28 Warrior Brigade units, 16 Force Support Package (FSP) One, and 110 Reserve Component (US Army Reserve and National Guard) units) will be supported by this project.
CURRENT SITUATION: The Fort Polk ammunition supply point (ASP) consists of 26 assorted magazines. Existing facilities do not provide adequate storage space to accommodate the necessary ammunition storage requirement for deployment. Magazines were built in 1963 and are filled to capacity with existing ammunition basic load and ammunition simulators, demolition material, pyrotechnics, and training ammunition required to support on-post training and deployments. Fort Polk’s mission to mobilize transformed units requires approximately a 25 percent expansion in the ammunition storage capacity at the ASP.
IMPACT IF NOT PROVIDED: If this project is not provided, the installation’s ASP will not be able to meet the ammunition storage requirements for units designated to deploy through Fort Polk, for other units anticipated to train at the installation, and for other deployable missions at Fort Polk. The ammunition storage operation will continue from an undersized complex with all associated inefficiencies, safety concerns, and security problems.
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 development, design, 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. 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	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Supply Point Upgrade	56537

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... NOV 2002
(b) Percent Complete As Of January 2004..... 60.00
(c) Date 35% Designed..... SEP 2003
(d) Date Design Complete..... JUN 2004
(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 Lewis

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

(a) Production of Plans and Specifications..... 375
(b) All Other Design Costs..... 205
(c) Total Design Cost..... 580
(d) Contract..... 175
(e) In-house..... 405

(4) Construction Contract Award..... NOV 2004

(5) Construction Start..... JAN 2005

(6) Construction Completion..... JAN 2006

Installation Engineer: David Broyles
Phone Number: (337) 531-6184

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Polk Louisiana	Hazardous Cargo Loading Apron

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	113	56583	Auth 14,503 Approp 14,503

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				11,582
3 Hot Pads	m2 (SY)	55,508 (66,387)	113.88	(6,321)
Improve Runway Keel	m2 (SY)	31,773 (38,000)	161.16	(5,120)
Taxiway Pad Lighting	LS	--	--	(141)
SUPPORTING FACILITIES				1,486
Electric Service	LS	--	--	(337)
Paving, Walks, Curbs & Gutters	LS	--	--	(575)
Storm Drainage	LS	--	--	(103)
Site Imp(471) Demo( )	LS	--	--	(471)
ESTIMATED CONTRACT COST				13,068
CONTINGENCY PERCENT (5.00%)				653
SUBTOTAL				13,721
SUPV, INSP & OVERHEAD (5.70%)				782
TOTAL REQUEST				14,503
TOTAL REQUEST (ROUNDED)				14,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct three hazardous cargo hotpads for ammunition and munitions upload, to include parking pads, aprons, ground and tiedown points. Improve runway 18-36 keel section and overrun to support use by wide-bodied aircraft. Supporting facilities include electrical service, exterior lighting, taxiway lighting, site improvements, access road, and sodding.

11. REQ: 55,508 m2 ADQT: 84 m2 SUBSTD: NONE

PROJECT: Construct three cargo hotpads. (New Mission)

REQUIREMENT: This project is required to support the 2d Armored Calvary Regiment (2ACR) and other mobilized or deployable units at Fort Polk. This project will provide adequate facilities for the uploading of ammunition aboard U.S. Air Force aircraft. Two brigades are projected to mobilize through Fort Polk. Construction will allow Fort Polk to deploy mobilized units, both active and reserve, and be ready for deployment within 96 hours of notification. Approximately 40-50 percent of the 252 aircraft required to deploy a brigade in the 96 hour deployment timeframe, will be uploaded with ammunition and munitions from these hotpads.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Hazardous Cargo Loading Apron	56583

CURRENT SITUATION: England Airpark, located in Alexandria, Louisiana, serves as Fort Polk's intermediate staging base (ISB). Two existing, non-government owned hotpads are currently utilized for ammunition and munitions upload. Under an airport expansion project, England Airpark will demolish the existing hotpads. This demolition will result in Fort Polk's inability to deploy units within 96 hours.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Polk will be unable to accomplish its mission to deploy the 2ACR and other missions at Fort Polk and will not meet the current 96-hour deployment requirement.

ADDITIONAL: This project has been coordinated with the England Airpark installation 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. 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 2002
(b) Percent Complete As Of January 2004	90.00
(c) Date 35% Designed	APR 2003
(d) Date Design Complete	MAY 2004
(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	800
(b) All Other Design Costs	255
(c) Total Design Cost	1,055
(d) Contract	905
(e) In-house	150

(4) Construction Contract Award: NOV 2004

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Hazardous Cargo Loading Apron	56583

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... DEC 2004

(6) Construction Completion..... JAN 2006

Installation Engineer: David Broyles
Phone Number: 331.531.6184

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Polk Louisiana	Passenger Processing Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	141	57020	Auth 11,700 Approp 11,700

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				7,670
Passenger Processing Facility	m2 (SF)	4,038 (43,460)	1,228	(4,957)
Pallet Processing/Blocking/Band	m2 (SF)	840.77 (9,050)	1,049	(882)
Mobile Defuel Station 25x100	LS	--	--	(50)
Vehicle Scale AX900	LS	--	--	(162)
High Low Ramp	LS	--	--	(65)
Total from Continuation page				(1,554)
SUPPORTING FACILITIES				2,872
Electric Service	LS	--	--	(281)
Water, Sewer, Gas	LS	--	--	(106)
Steam And/Or Chilled Water Dist	LS	--	--	(544)
Paving, Walks, Curbs & Gutters	LS	--	--	(214)
Storm Drainage	LS	--	--	(80)
Site Imp(680) Demo(642)	LS	--	--	(1,322)
Information Systems	LS	--	--	(78)
Antiterrorism/Force Protection	LS	--	--	(247)
ESTIMATED CONTRACT COST				10,542
CONTINGENCY PERCENT (5.00%)				527
SUBTOTAL				11,069
SUPV, INSP & OVERHEAD (5.70%)				631
TOTAL REQUEST				11,700
TOTAL REQUEST (ROUNDED)				11,700
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct an Arrival and Departure Airfield Control Group (ADACG) facility to include offices, latrines, showers, auditorium style space, pallet shelter, pallet scale and roller system, vehicle fuel and defuel point, vehicle scale, high/low truck ramp, concrete area, and high dock with rollers. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; access and entrance roads; parking; paving, walks, curbs, and gutters; storm drainage; ready line striping, fencing and gates; information systems; and site improvements. Anti-terrorism/force protection measures include minimizing window area using protective mylar screening on exterior windows, and use of solid core exterior doors. Provide floor mounted seating. Renovate an existing building for use as a Joint Inspection facility; renovate existing wash rack. Heating and air conditioning (145 tons) will be provided by self-contained systems. Access for persons with disabilities will be provided. Demolish one building (64,000 SF). Supporting costs are high due to site improvements and demolition.

11. REQ: 4,878 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct an Arrival and Departure Airfield Control Group (ADACG)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Passenger Processing Facility	57020

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Staging/Marshalling Area	m2	(SF)	3,881	(41,775)	53.12	(206)
High Dock with Rollers	m2	(SF)	464.52	(5,000)	906.85	(421)
Renovate VMS Bldg 1707 Final In	m2	(SF)	2,694	(29,000)	43.06	(116)
Renovate Three Wash Racks Bays	LS			--	--	(120)
Sentry Station	m2	(SF)	13.38	(144)	1,883	(25)
Bleacher Seating Fixed&Collapsi	SE		1,225	--	84.24	(103)
Special Foundations	m2	(SF)	4,878	(52,510)	58.66	(286)
Antiterrorism/Force Protection	LS			--	--	(191)
Building Information Systems	LS			--	--	(86)
					Total	1,554

PROJECT: (CONTINUED)

facility. (New Mission)

REQUIREMENT: This project is required to support air deployment operations of the 2d Armored Cavalry Regiment (2ACR) and other units anticipated to train at Fort Polk and to provide general aerial port operational support to the Joint Readiness Training Center. The proposed ADACG facility will be capable of accommodating a maximum of 1000 troops at any one time.

CURRENT SITUATION: England Airpark, located in Alexandria, Louisiana, serves as Fort Polk's intermediate staging base (ISB). ADACG operations are accommodated in a building located adjacent to the commercial passenger terminal. This building is presently on loan to Fort Polk. England Airpark is in the process of offering this building for lease. Once a lease for this property is executed, no facilities will be available to support the ADACG function.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Polk will be unable to meet the current 96 hour mobilization requirement for the 2ACR and other units training at Fort Polk. Without a dedicated, permanent facility, Fort Polk's only alternative would be to utilize tentage at England Airpark's South Ramp location. Because the operations area will be situated at the Airpark's North Ramp location, personnel must be shuttled to the North Ramp.

ADDITIONAL: This project has been coordinated with the England Airpark physical security plan, and all 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Passenger Processing Facility	57020

ADDITIONAL: (CONTINUED)
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:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... DEC 2002
(b) Percent Complete As Of January 2004..... 60.00
(c) Date 35% Designed..... SEP 2003
(d) Date Design Complete..... SEP 2004
(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..... 550
(b) All Other Design Costs..... 157
(c) Total Design Cost..... 707
(d) Contract..... 200
(e) In-house..... 507

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... FEB 2005

(6) Construction Completion..... MAY 2006

Installation Engineer: David Broyles
Phone Number: 337.531.6184

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Polk Louisiana	Fixed Wing Aircraft Parking Apron

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	113	57168	Auth 25,000 Approp 25,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				19,998
Aircraft Parking Apron/Taxiway	m2 (SY)	163,546 (195,600)	120.46	(19,701)
Taxiway Lighting	LS	--	--	(297)
SUPPORTING FACILITIES				2,733
Electric Service	LS	--	--	(94)
Water, Sewer, Gas	LS	--	--	(76)
Paving, Walks, Curbs & Gutters	LS	--	--	(134)
Storm Drainage	LS	--	--	(970)
Site Imp(919) Demo(540)	LS	--	--	(1,459)
ESTIMATED CONTRACT COST				22,731
CONTINGENCY PERCENT (5.00%)				1,137
SUBTOTAL				23,868
SUPV, INSP & OVERHEAD (5.70%)				1,360
TOTAL REQUEST				25,228
TOTAL REQUEST (ROUNDED)				25,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Upgrade and expand north ramp aircraft parking apron; construct new taxiway and staging area including lighting. Supporting facilities include access road, ramp area lighting, and ramp edge lighting, water, storm drainage and site improvements. Demolish three buildings (5,660 SF), a wash rack, selected hardstand and a fire training pit.

11. REQ: 163,546 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Upgrade and expand aircraft parking apron. (New Mission)

REQUIREMENT: This project will support aerial deployment of units by providing improved and additional aircraft parking, staging, and loading facilities at England Airpark.

CURRENT SITUATION: England Airpark, located in Alexandria, Louisiana, serves as Fort Polk's intermediate staging base (ISB). The existing north ramp area is utilized for the resupply mission to the Fort Polk training ranges and can only handle C-130 aircraft. Wide bodied aircraft such as the C-5 and C-17 cannot utilize the north ramp due to inadequate parking apron area, inadequate turning radii and, moreover, the inability to structurally accommodate the weight of these type aircraft. Consequently, wide-bodied aircraft must operate out of the airport's south ramp which also serves commercial airliners. Not

CURRENT SITUATION: (CONTINUED)
only does this arrangement result in an inefficient split operation, but also compromises security and safety due to the mixing of commercial airline traffic and military aircraft on the same loading ramp.
IMPACT IF NOT PROVIDED: If the project is not provided, Fort Polk will not be able to meet the 96-hour window for deployment of the 2ICR. Deployment operations would be split between the north and south ramp areas, thereby increasing the number of personnel required to accomplish the mission and creating both security and safety hazards.
ADDITIONAL: This project has been coordinated with the England Airpark security plan, and all physical security measures are included. No antiterrorism/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. 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 2002
(b) Percent Complete As Of January 2004	90.00
(c) Date 35% Designed	APR 2003
(d) Date Design Complete	MAY 2004
(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	1,200
(b) All Other Design Costs	450
(c) Total Design Cost	1,650
(d) Contract	1,400
(e) In-house	250

(4) Construction Contract Award..... NOV 2004

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Fixed Wing Aircraft Parking Apron	57168

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... DEC 2004

(6) Construction Completion..... JAN 2006

Installation Engineer: David Broyles
Phone Number: 337.531.6184

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Polk Louisiana	Urban Assault Course

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	179	57672	Auth 3,450 Approp 3,450

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				2,365
Live Fire Village 1	LS	--	--	(877)
Live Fire Village 2	LS	--	--	(387)
UAC Range	LS	--	--	(795)
Operations & Storage Bldg	m2 (SF)	250.83 (2,700)	1,142	(286)
Antiterrorism/Force Protection	LS	--	--	(20)
SUPPORTING FACILITIES				743
Electric Service	LS	--	--	(25)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Site Imp(484) Demo(49)	LS	--	--	(533)
Antiterrorism/Force Protection	LS	--	--	(10)
ESTIMATED CONTRACT COST				3,108
CONTINGENCY PERCENT (5.00%)				155
SUBTOTAL				3,263
SUPV, INSP & OVERHEAD (5.70%)				186
TOTAL REQUEST				3,449
TOTAL REQUEST (ROUNDED)				3,450
INSTALLED EQT-OTHER APPROP				(1,131)

10.Description of Proposed Construction

Construct an urban assault course (UAC) and two live-fire villages (LFV). The UAC consists of five training stations to include one urban offense/defense building, one individual and team task technical station, one grenadier gunnery trainer, one squad and platoon task technical station, and one underground trainer. Each LFV consists of seven single story building trainers, a two-story town house, three building facades, one court yard, and one ventilated tunnel system. Installation of three-dimensional, reconfigurable human targetry and day/night audio-video recording devices (OPA-funded). Construct operational and storage facilities. Supporting facilities include electrical distribution, data cabling, paving, fencing, security lighting, parking and site improvements.
Anti-terrorism/force protection measures include traffic control barriers, fencing and security lighting. Supporting facilities costs are high because there is a long electrical run required to connect this facility to the main electrical feeder in the Digital Multi-Purpose Battle Area Course (DMPBAC). Access for persons with disabilities will be provided for the operations/storage building only. Demolish 15 buildings (2,885 SF).

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Polk, Louisiana	
4.PROJECT TITLE	5.PROJECT NUMBER
Urban Assault Course	57672

11. REQ: 3 FP ADQT: NONE SUBSTD: NONE

PROJECT: Construct an urban assault course and two live-fire villages. (New Mission)

REQUIREMENT: This project is required to support urban training for the Army's transformation of the Second Armored Calvary Regiment (2ACR)at Fort Polk, for units that rotate through Fort Polk's Joint Readiness Training Center and transformed units. Training facilities of this type are an integral part of achieving the vision to transform the Army. This project is required to provide an urban assault course and two simulated villages to train soldiers in modern urban warfare as part of the Army's Combined Arms Military Operations on Urbanized Terrain (MOUT) Task Force Training Strategy. The project provides dismounted infantry platoon tactical live-fire operations either independent of, or simultaneously with, supporting vehicles. By integrating this facility into the larger training scenarios that will take place, the trainers will be able to provide soldiers and their units a more comprehensive and realistic training event. It will allow for greater scenario flexibility, more realistic engagement ranges, and more offensive capabilities. The targetry instruments will accurately score all engagements against established standards, capture all related telemetry and scoring information, and relay the data to other facilities for a thorough critique during after-action reviews of the exercises.

CURRENT SITUATION: Currently at Fort Polk there is no UAC and two antiquated LFVs in use. These old existing facilities are not digital ready, cannot support the advanced weapons systems used in today's Army, and do not provide audio-video feedback, nor can they realistically mimic combat scenarios for the modern Army. Additionally, current Army doctrine dictates that dismounted live-fire operations in urban environments be integrated into larger battle scenarios. At Fort Polk the larger battle scenarios are planned to be conducted on the Digital Multi-Pupose Battle Area Course (DMPBAC), located at Peason Ridge. Because the old existing facilities are located approximately eight kilometers away from the DMPBAC, they cannot be effectively integrated into the larger battle scenarios.

IMPACT IF NOT PROVIDED: If this project is not provided, the Joint Readiness Training Center and Fort Polk will not meet the realities of readiness training required for modern urban warfare by modern deployable combat units. Realistic simulation of situational awareness and target detection/engagement systems, event scenarios, All Weapons Scoring Systems, and enhanced After Action Reviews will not be in place to provide the requirements for a gateway to the constructive and virtual training environments. 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. All

ADDITIONAL: (CONTINUED)
required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be 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 Executive Orders. 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	FEB 2003
(b)	Percent Complete As Of January 2004	65.00
(c)	Date 35% Designed	OCT 2003
(d)	Date Design Complete	JUL 2004
(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 Richardson

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

		($000)
(a)	Production of Plans and Specifications	160
(b)	All Other Design Costs	340
(c)	Total Design Cost	500
(d)	Contract	300
(e)	In-house	200

(4) Construction Contract Award..... NOV 2004

(5) Construction Start..... DEC 2004

(6) Construction Completion..... FEB 2006

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Polk, Louisiana

4.PROJECT TITLE	5.PROJECT NUMBER
Urban Assault Course	57672

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Instrumentation/Targetry	OPA	2006	1,131
		TOTAL	1,131

Installation Engineer: David Broyles
Phone Number: (337) 531-6184

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Missouri		Fort Leonard Wood (TRADOC/NWRO)				221
	51432	WMD Responder Training Facility	15,000	15,000	C	223
	58312	Range	2,750	2,750	C	227
		Subtotal Fort Leonard Wood PART I	$ 17,750	17,750		
		* TOTAL MCA FOR Missouri	$ 17,750	17,750		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Leonard Wood Missouri	US Army Training and Doctrine Command (Installation Mgt Agency, Northwest Region)	1.13

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	765	4428	1870	663	16254	143	97	2037	2865	29,122
B. END FY 2009	733	4362	1910	699	17714	5	105	2075	2863	30,466

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	26,337 ha (65,080 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,133,529
C. AUTHORIZATION NOT YET IN INVENTORY.....		149,214
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		17,750
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		78,706
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		354,500
H. GRAND TOTAL.....		3,733,699

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
171	51432	WMD Responder Training Facility	15,000	02/2003	09/2004
178	58312	Range	2,750	01/2003	09/2004
		TOTAL	17,750		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
721	Trainee Barracks	40,000
721	Perm Party Barracks Ph 1	14,800
730	Chapel-BCT Bks Cpx	6,500
721	Perm Party Barracks Ph 2	16,000
178	Urban Assault Course	1,406
	TOTAL	78,706

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 592

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Leonard Wood Missouri

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $591,526, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Leonard Wood Missouri	WMD Responder Training Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	171	51432	Auth 15,000 Approp 15,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				10,457
CBRN Training Complex	m2 (SF)	3,902 (42,000)	2,009	(7,840)
IDS Installation	LS	--	--	(42)
EMCS Connection	LS	--	--	(39)
Overhead Cover	m2 (SF)	46.45 (500)	424.22	(20)
Antiterrorism/Force Protection	LS	--	--	(340)
Total from Continuation page				(2,176)
SUPPORTING FACILITIES				3,252
Electric Service	LS	--	--	(240)
Water, Sewer, Gas	LS	--	--	(667)
Paving, Walks, Curbs & Gutters	LS	--	--	(397)
Storm Drainage	LS	--	--	(397)
Site Imp(1,162) Demo( )	LS	--	--	(1,162)
Information Systems	LS	--	--	(264)
Antiterrorism/Force Protection	LS	--	--	(125)
ESTIMATED CONTRACT COST				13,709
CONTINGENCY PERCENT (5.00%)				685
SUBTOTAL				14,394
SUPV, INSP & OVERHEAD (5.70%)				820
TOTAL REQUEST				15,214
TOTAL REQUEST (ROUNDED)				15,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a training complex for Chemical, Biological, Radiological and Nuclear (CBRN) Installation Support Teams, Rapid Response Teams, Weapons of Mass Destruction Civil Support Teams (WMD-CST), and DOD installation emergency responders. Facility will include classrooms, administrative area, briefing area, training exercise control room, an After Action Review (AAR) room, a simulation area for Virtual Emergency Response Training System (VERTS), an open bay for indoor decontamination exercises, hardstand with overhead cover, oil/water separator, simulated cave, and a maintenance area. Four buildings, with electric utilities only, will be provided as training aids. Connect the energy monitoring and control system (EMCS). Supporting facilities include electric service, security lighting, fire protection and alarm systems, paving walks, curbs and gutters, parking, storm drainage, information system, and site improvements. Heating (gas-fired) and air conditioning (100) tons will be provided by self-contained systems. Access for persons with disabilities will be provided. Anti-terrorism/force protection measures include security lighting, heavy landscaping, barriers, blast berms, and structural/window enhancement. Supporting costs are high due to training site requirements and extension of utilities to the sites.

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Limited Use Instructional Build	m2 (SF)	334.45 (	3,600)	1,251	(418)
Limited Use Instructional Build	m2 (SF)	185.81 (	2,000)	1,228	(228)
Range Support Facility	m2 (SF)	55.74 (	600)	1,160	(65)
Covered Training Area	m2 (SF)	55.74 (	600)	290.96	(16)
Limited Use Instructional Build	m2 (SF)	321.44 (	3,460)	1,251	(402)
Tunnel	m (LF)	91.44 (	300)	294.62	(27)
Limited Use Instructional Build	m2 (SF)	594.58 (	6,400)	1,251	(744)
Building Information Systems	LS	--		--	(276)
				Total	2,176

11. REQ: 11,070 m2 ADQT: 5,654 m2 SUBSTD: NONE

PROJECT: Construct a Chemical, Biological, Radiological and Nuclear (CBRN) training complex. (New Mission)

REQUIREMENT: This project is required to provide facilities to house individual and certification training for CBRN Installation Support Teams, Rapid Response Teams, Weapons of Mass Destruction Civil Support Teams, and DOD Installation Emergency Responders. Active and Reserve Component Chemical units assigned an emergency response mission will also be trained. Annual student load is 35,736. The average daily student load is 143. This training uses standard and non-standard Nuclear, Biological, and Chemical defense equipment. Multiple training events will require a permanent facility that can ensure year-round training while minimizing the effects of weather and the impact to other critical training missions on the installation. Facility will train all branches of the military and emergency responder civilians.

CURRENT SITUATION: Fort Leonard Wood is providing individual and certification training for Weapons of Mass Destruction Civil Support Teams and DOD Installation Emergency Responders. In the future, CBRN Installation Support Teams, Rapid Response Teams, and Reconnaissance and Decontamination Teams for Civil Support will also be trained. There is currently no dedicated facility to conduct this training. Training is conducted in a facility intended only for inclement weather training. This facility provides a less than optimum training environment, does not allow incorporation of the latest technology, and negatively impacts other training units on the installation.

IMPACT IF NOT PROVIDED: Without this facility, training of CBRN Installation Support Teams, Rapid Response Teams, Weapons of Mass Destruction emergency responders and DOD Installation Emergency Responders will continue to be inefficient, will not incorporate the latest technology, and will negatively impact other training units on the installation.

ADDITIONAL: This project has been coordinated with the installation physical

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE	5.PROJECT NUMBER
WMD Responder Training Facility	51432

ADDITIONAL: (CONTINUED)
security plan, and all physical security measures are included. All required antiterrorism/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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	FEB 2003
(b)	Percent Complete As Of January 2004	30.00
(c)	Date 35% Designed	FEB 2004
(d)	Date Design Complete	SEP 2004
(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	800
(b)	All Other Design Costs	537
(c)	Total Design Cost	1,337
(d)	Contract	87
(e)	In-house	1,250

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... MAR 2005

(6) Construction Completion..... MAR 2007

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE	5.PROJECT NUMBER
WMD Responder Training Facility	51432

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Richard J. Cole
Phone Number: 573-596-0840

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Leonard Wood Missouri	Range

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	58312	Auth 2,750 Approp 2,750

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				1,226
Observation Tower/Bunker-Elevat	EA	1 --	287,200	(287)
General Instruction Building-Th	m2 (SF)	418.06 (4,500)	1,434	(600)
Covered Training Area-Grade Bea	PN	300 --	54.66	(16)
Ammunition Renovation Shop-Ammo	m2 (SF)	11.15 (120)	3,645	(41)
Range Support Building-Stoage B	m2 (SF)	11.15 (120)	3,330	(37)
Total from Continuation page				(245)
SUPPORTING FACILITIES				1,257
Electric Service	LS	--	--	(281)
Water, Sewer, Gas	LS	--	--	(351)
Paving, Walks, Curbs & Gutters	LS	--	--	(108)
Storm Drainage	LS	--	--	(28)
Site Imp(270) Demo(29)	LS	--	--	(299)
Information Systems	LS	--	--	(154)
Antiterrorism/Force Protection	LS	--	--	(36)
ESTIMATED CONTRACT COST				2,483
CONTINGENCY PERCENT (5.00%)				124
SUBTOTAL				2,607
SUPV, INSP & OVERHEAD (5.70%)				149
TOTAL REQUEST				2,756
TOTAL REQUEST (ROUNDED)				2,750
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Upgrade existing range complex facilities (using standard-design) with the construction of one classroom (240 person) with administration area and male and female latrines, new bleachers, covered walk-in foxholes, observation tower, public address system, Next Generation Army Targeting System (NGATS) with support infrastructure, utilities, telecommunications support, ammunition storage facility, general storage facility, sewage treatment system, well and well house, lane markers, muzzle flash simulators, firing point lighting, lighted range pole, earthwork, and a paved dumpster staging pad. Tower will have lightning protection. Support facilities include utilities; electric service; paving, walks, curbs and gutters; information systems; and site improvements. Heating and air conditioning (11 tons) will be provided by self-contained units. Observation tower heating, ventilation, and air conditioning system provided by self-contained units. Demolish existing tower facility (120 SF) and classroom (4,828 SF). Anti-terrorism/force protection measures include laminated glass, security fence and barriers. Support cost are high because of the utility upgrades.

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Antiterrorism/Force Protection	LS	--	--	(151)
Modified Record Fire Range-Add	FP	16 --	4,003	(64)
Building Information Systems	LS	--	--	(30)
			Total	245

11. REQ: 64 FP ADQT: NONE SUBSTD: 32 FP

PROJECT: Upgrade existing range to meet current training and facility standards. (Current Mission)

REQUIREMENT: This project is required to reconfigure the existing range for the integration of NGATS. This system will improve the capability to train and evaluate soldiers' ability to correctly detect and engage targets and adjust for the effects of wind and gravity. The new equipment, installed on a properly configured range, will provide a realistic, time-constrained training environment. The new system provides computer-controlled target manipulation and automated scoring for both day and night combat training. The facility must be expandable to meet the requirements of new weapons systems and revised training doctrine. The expandability of the range is crucial to maintain a sustainable level of service for future need of additional targets for training growth. Fort Leonard Wood's annual training load is over 40,000 soldiers, (average daily load = 118 soldiers) all of which must complete this stage of weapons qualification to graduate from basic combat training.

CURRENT SITUATION: Currently, the range uses the Electronic Remote Targeting System (e-RETS). This system requires more maintenance effort on the part of the cadre running the range, results in an inefficient use of time and resources while on the range, and is less reliable than the newer NGATS. The range, targets, targetry system, and supporting facilities, such as latrines and classrooms, control tower, ammunition supply point, are approximately 40 years old, do not meet current facility standards, are in a poor state of repair, and are well past their life expectancy. The facilities present a potentially unsafe and unheathly work environment for all of the 40,000 soldiers who train on the range on an annual basis.

IMPACT IF NOT PROVIDED: If this project is not provided, over 40,000 Individual Entry Training (IET) and 13,000 US Army Forces Command (FORSCOM), Reserve, and National Guard soldiers will not be able to train in accordance with current standards and requirements. Despite the cadre's extraordinary efforts to compensate for severe facility limitations, soldiers will continue to train in substandard, dilapidated, and inadequate training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Leonard Wood, Missouri

4.PROJECT TITLE	5.PROJECT NUMBER
Range	58312

ADDITIONAL: (CONTINUED)
anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. 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. 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:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... JAN 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... SEP 2004
(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 Leonard Wood

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

(a) Production of Plans and Specifications..... 162
(b) All Other Design Costs..... 100
(c) Total Design Cost..... 262
(d) Contract.....
(e) In-house..... 262

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... MAR 2005

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

Installation Engineer: LTC RICHARD J. COLE
Phone Number: 573-596-0840

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New Mexico		White Sands Missile Range (ATEC/SWRO)				233
	56232	Electromagnetic Vulnerability Assess Fac	33,000	33,000	C	235
		Subtotal White Sands Missile Range PART I	$ 33,000	33,000		
		* TOTAL MCA FOR New Mexico	$ 33,000	33,000		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
White Sands Missile Range New Mexico	US Army Test and Evaluation Command (Installation Mgt Agency, Southwest Region)	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	61	203	2010	0	0	0	34	324	3792	6,424
B. END FY 2009	57	143	2090	0	0	0	59	310	4321	6,980

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	1,474,715 ha (3,644,087 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,488,644
C. AUTHORIZATION NOT YET IN INVENTORY.....		90,600
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		33,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		489,100
H. GRAND TOTAL.....		3,101,344

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
317	56232	Electromagnetic Vulnerability Assess Fac	33,000	05/2001	11/2004
		TOTAL	33,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		500

10. MISSION OR MAJOR FUNCTIONS:

Provide quality test, evaluation, research, and other technical services to the Army and DOD acquisition programs.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: White Sands Missile Range New Mexico

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $500,151, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
White Sands Missile Range New Mexico	Electromagnetic Vulnerability Assess Fac

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
65896A	317	56232	Auth 33,000 Approp 33,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				27,086
EMVAF Test Bay	m2 (SF)	1,951 (21,000)	8,251	(16,097)
EMVAF Electronic Equip Area	m2 (SF)	3,770 (40,584)	2,806	(10,579)
EMCS Connection	LS	--	--	(219)
IDS Installation	LS	--	--	(29)
Building Information Systems	LS	--	--	(162)
SUPPORTING FACILITIES				2,474
Electric Service	LS	--	--	(317)
Water, Sewer, Gas	LS	--	--	(760)
Paving, Walks, Curbs & Gutters	LS	--	--	(355)
Storm Drainage	LS	--	--	(32)
Site Imp(440) Demo(333)	LS	--	--	(773)
Information Systems	LS	--	--	(132)
Antiterrorism/Force Protection	LS	--	--	(105)
ESTIMATED CONTRACT COST				29,560
CONTINGENCY PERCENT (5.00%)				1,478
SUBTOTAL				31,038
SUPV, INSP & OVERHEAD (5.70%)				1,769
TOTAL REQUEST				32,807
TOTAL REQUEST (ROUNDED)				33,000
INSTALLED EQT-OTHER APPROP				(8,093)

10.Description of Proposed Construction

Construct an Electromagnetic Vulnerability Assessment Facility (EMVAF). The existing facility was destroyed by a fire. The new facility will consist of two stories containing two anechoic chambers and a partial basement located underneath the larger of the two chambers. The EMVAF will include the following construction elements: a large anechoic chamber with access doors; a small anechoic chamber; a large capacity turntable with lift inside the chamber; a positioner inside the small chamber; shielded control rooms; technical assembly area; electronics laboratory and work space for scientific equipment; multiple rooms for classified computers; a large prep room for a semi-tractor trailer; fabrication shop; hoisting equipment; high speed communications room; classified analysis area; training and meeting rooms; supply and storage space with classified vault; break room and mailroom; restrooms and loading dock. Provide scientific workstation space; personnel offices; passenger and freight elevators; visitor processing area; conference room; maintenance and spare parts storage areas; and a mechanical lab. Install an intrusion detection system (IDS) and connect to the existing central receiving station. Provide a fire protection system inside both anechoic chambers and throughout the building with connection to the central receiving station. Supporting facilities include a power substation;

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

White Sands Missile Range, New Mexico

4.PROJECT TITLE	5.PROJECT NUMBER
Electromagnetic Vulnerability Assess Fac	56232

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
exterior water storage and pumping station; security fencing; storm drainage; parking and site improvements. Access for persons with disabilities will be provided in non-hazardous personnel areas. Demolish two buildings (60,826 SF).

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11. REQ: 5,721 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Construct a state-of-the art secure electromagnetic spectrum research facility housing two double-shielded anechoic chambers and associated control rooms, laboratory, mechanical, storage and office space. (Current Mission)
REQUIREMENT: Radio Frequency Directed Energy (RFDE) is a serious threat to Army equipment. The Army facility responsible for identifying radio frequency directed energy vulnerabilities burned in January 2001. It is critically important that this capability be restored. The EMVAF is required for the following reasons: to sustain the Army Research Lab's ongoing mission to evaluate Army weapon systems' survivability against the full spectrum of electromagnetic energy threats on the battlefield and in operations other than war (OOTW); provide the foundation to answer Congressional RFDE questions; and provide the means to determine weapon systems' survivability to future RFDE threats. This is a critical piece of the Army's Digitization Initiative and Transformation Program. The new EMVAF will be used to ensure weapon systems' capabilities are in accordance with the National Security Strategy and National Military Strategy requirements to support homeland defense, to deter or prevent terrorist attacks, and to ensure the survivability of weapon systems and critical infrastructure. This facility will support the Army's role in countering information warfare threats. To do this, the EMVAF is used to conduct experiments that address the electromagnetic vulnerability requirements of the US Army Weapon and Communication-Electronics Systems as well as selected foreign systems. Experiments will be conducted to determine system vulnerabilities. The research information obtained will be provided to Department of the Army, Warfighting Combatant Commanders and Department of Defense decision makers regarding system or class of systems' electronic vulnerabilities.
CURRENT SITUATION: No facility is available/suitable to identify RFDE vulnerabilities. Surveys of existing DoD anechoic chambers were conducted to determine the availability and capability of these chambers to meet the Army's vulnerability assessment requirements . The surveys revealed that no facility exists that combines the large anechoic chamber with the amplifier, transmission lines, and high load capacity precision turntable required to assess Army systems. The absence of a consolidated research facility has resulted in less than partial short-term experiments being conducted at other facilities. These patchwork operations are helpful but cannot ensure soldier and system survivability. The continued absence of a consolidated research facility will hamper the Army's ability to quickly and effectively support the war fighting Combatant Commanders with threat and friendly system

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

CURRENT SITUATION: (CONTINUED)
characterizations.
IMPACT IF NOT PROVIDED: If this project is not provided, delays in rebuilding this facility increases the risk to Army systems. The Army's ability to provide decision support data to the war fighting Combatant Commanders will be adversely impacted. Soldier and system survivability will be degraded. The necessary knowledge base needed to exploit and attack the hostile forces' electronics in an urban environment with minimal collateral damage will be insufficient. Critical weapon system and infrastructure survivability, lethality and vulnerability data, analysis, and evaluation support over the entire life-cycle of major Army systems in the electromagnetic battlefield can not be executed. Failure to provide this capability will result in Army systems that will not function as required and planned. Systems will be vulnerable to attacks from electronic warfare, information operations and directed energy weapon threats. Systems' lethality will be diminished. Without an EMVAF, true vulnerabilities of Army soldiers and systems will not be known until the force is deployed in a combat situation.
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 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. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. 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. 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..... MAY 2001
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... DEC 2003
(d) Date Design Complete..... NOV 2004
(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:

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

White Sands Missile Range, New Mexico

4.PROJECT TITLE	5.PROJECT NUMBER
Electromagnetic Vulnerability Assess Fac	56232

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design: NO

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

(a)	Production of Plans and Specifications.....	174
(b)	All Other Design Costs.....	2,531
(c)	Total Design Cost.....	2,705
(d)	Contract.....	1,880
(e)	In-house.....	825

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... FEB 2005

(6) Construction Completion..... JAN 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
RF Control Station	OPA	2006	197
Spectrum Analyzer (2)	OPA	2006	178
Oscilloscope (2)	OPA	2006	107
Cameras (5w/zoom lens, etc)	OPA	2006	107
Camera Monitors (5)	OPA	2006	11
Computers (3+printers)	OPA	2006	21
Station (rack+)	OPA	2006	27
Pneumatic Control	OPA	2006	27
Timing (GPS+IRIG)	OPA	2006	269
Telemetry (3 Stations, PC based)	OPA	2006	161
Recorders (1 analog, 1 digital)	OPA	2006	107
Software Control	OPA	2006	215
RF Emission Monitoring	OPA	2006	374
High Power Amplifiers (1kw)	OPA	2006	967
Amplifiers (200w, 10w, 1w, ++)	OPA	2006	326
mmW (amplifiers)	OPA	2006	534
mmW (sensors, antennas)	OPA	2006	534
Impulse Sources, Antennas, Sens.	OPA	2006	269
Antennas	OPA	2006	322
Couplers	OPA	2006	322
Attenuators	OPA	2006	107

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

White Sands Missile Range, New Mexico

4.PROJECT TITLE	5.PROJECT NUMBER
Electromagnetic Vulnerability Assess Fac	56232

12. SUPPLEMENTAL DATA: (CONTINUED)

Adapters	OPA	2006	11
RF Filters	OPA	2006	80
Waveguide	OPA	2006	534
RF Cables	OPA	2006	215
Network Analyzer	OPA	2006	215
Field Mapping Equipment	OPA	2006	322
Radar Emulation Control	OPA	2006	534
RF Control Station	OPA	2006	171
Electronics Lab	OPA	2006	161
Fork Lift	OPA	2006	16
Scissor Lift	OPA	2006	34
Cherry Picker/Manlift (35 ft)	OPA	2006	11
Classified Storage Safe	OPA	2006	33
IR Observation Equipment	OPA	2006	27
Air System	OPA	2006	44
Protocol analyzers & BER Equip	OPA	2006	268
Circulators w/couplers	OPA	2006	200
Info sys - ISC	OPA	2006	35
		TOTAL	8,093

Installation Engineer: Wilbert Ortega
Phone Number: 505-678-6744

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
New York		Buffalo (ACSIM/NERO)				
	59873	Military Entrance Processing Station	6,200	6,200	C	243
		Subtotal Buffalo PART I	$ 6,200	6,200		
		Fort Drum (FORSCOM/NERO)				247
	33409	Barracks Complex-Wheeler Sack AAF Ph 2	0	48,000	C	249
	52107	Airfield Arrival/Departure Facility	4,950	4,950	C	252
		Subtotal Fort Drum PART I	$ 4,950	52,950		
		Fort Hamilton (MDW/NERO)				255
	52224	Military Police Station	7,600	7,600	C	257
		Subtotal Fort Hamilton PART I	$ 7,600	7,600		
		United States Military Academy (USMA/NERO)				261
	39538	Library & Learning Center Ph 1	60,000	34,500	C	263
		Subtotal United States Military Academy PART I	$ 60,000	34,500		
		* TOTAL MCA FOR New York	$ 78,750	101,250		

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Buffalo New York	Military Entrance Processing Station

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	610	59873	Auth 6,200 Approp 6,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				4,243
MEPS Facility	m2 (SF)	2,290 (24,645)	1,689	(3,867)
AT/FP	LS	--	--	(146)
EMCS Connection	LS	--	--	(51)
IDS Installation	LS	--	--	(15)
Building Information Systems	LS	--	--	(164)
SUPPORTING FACILITIES				1,298
Electric Service	LS	--	--	(73)
Water, Sewer, Gas	LS	--	--	(84)
Paving, Walks, Curbs & Gutters	LS	--	--	(123)
Storm Drainage	LS	--	--	(149)
Site Imp(613) Demo( )	LS	--	--	(613)
Information Systems	LS	--	--	(91)
Antiterrorism/Force Protection	LS	--	--	(165)
ESTIMATED CONTRACT COST				5,541
CONTINGENCY PERCENT (5.00%)				277
SUBTOTAL				5,818
SUPV, INSP & OVERHEAD (5.70%)				332
TOTAL REQUEST				6,150
TOTAL REQUEST (ROUNDED)				6,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a modified standard-design Military Entrance Processing Station facility. Project includes reception area, offices, medical laboratory, dressing rooms, mail room, fire sprinkler and suppression system, and communication closets. Install an intrusion detection system (IDS) (MEPCOM funded) Connect energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage and storm water management; information systems; and site improvements. Access for persons with disabilities will be provided. Heating will be supplied by natural gas, and air conditioning (85 tons) will be provided by a self-contained unit. Anti-terrorism/force protection (AT/FP) measures include appropriate setback distances from the installation boundary and adjacent roadways and parking areas, bollards, concrete planters, curbs and gutters, and laminated glass. Comprehensive interior design is required. Supporting facility costs are high due to the inclusion of upgrade to entrance roadway leading to the proposed facility, a stormwater retention pond and AT/FP protective measures.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Buffalo, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Military Entrance Processing Station	59873

11. REQ: 2,290 m2 ADQT: NONE SUBSTD: 2,293 m2

PROJECT: Construct a modified standard-design Military Entrance Processing Station (MEPS) facility. (Current Mission)

REQUIREMENT: This project is required to provide a more efficient and cost effective facility for processing applicants into the military services while improving the quality of life of the 50 person MEPS staff. The MEPS facility has the responsibility for processing applicants from 11 counties in the state of New York and three counties in Pennsylvania.

CURRENT SITUATION: The MEPS occupies leased space in a General Services Administration (GSA) facility located in downtown Buffalo, New York. The lease cost for this location has escalated annually: for example, in FY 02 the total lease cost was $616,876 ($50,073/month + $16,000 annual overuse charge) and in FY 03 will be $631,591 ($50,750/month + $22,591 overuse). In addition to complete elimination of this cost once this proposed project is constructed, other costs such as communications, food and lodging for young men and women entering the military services will be reduced. The 15-story building was originally constructed in 1974 and has many deficiencies, which cause operational problems for the MEPS. One of the most significant is the deteriorating asbestos fireproofing. Over the years it has become friable and has been detected in the air. The situation is to the point now where an environmental firm under contract to GSA must sample and certify the air quality every six months. The in floor communication cabling ductwork has no additional capacity for new communications lines. The communications closet is too small, and the installed networking equipment overheats the area, sometimes causing communications problems. The heating and air conditioning system cannot be balanced to provide a consistent comfort level throughout the 10th floor; fan coil units have to be either fully on or fully off and switched back and forth to try to maintain comfort levels; and the male dressing room, where recruits must disrobe for medical check-ups, is unheated. Some offices are very hot while others are very cold in both summer and winter. The medical laboratory is grossly undersized for the number of lab operations required, and safety and security is compromised with the handling of blood samples. The office partitions can no longer be relocated because of the fear of disturbing the friable asbestos, floor tile and fire proofing above ceiling, so no reconfigurations of office spaces can take place as the mission changes. The material used in the partitions has deteriorated to such a degree that nothing new can be attached to the walls. All of these conditions detract from the MEPS ability to convey a favorable impression of military service applicants considering military service.

IMPACT IF NOT PROVIDED: If this project is not provided, the Department of the Army will continue to pay premium rent for a leased facility that no longer meets its needs. An economic analysis comparing the cost of continued leasing versus new construction has been prepared for this project. Results of this analysis indicate that a net present value savings of $7.4 million and a

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Buffalo, New York	
4.PROJECT TITLE	5.PROJECT NUMBER
Military Entrance Processing Station	59873

IMPACT IF NOT PROVIDED: (CONTINUED)
discounted pay back period of approximately 8.1 years after occupancy can be achieved through implementation of this project. No other adequate facilities are available for this requirement at Niagara Falls Air Reserve Station.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	SEP 2003
(b)	Percent Complete As Of January 2004	25.00
(c)	Date 35% Designed	MAR 2004
(d)	Date Design Complete	JUL 2004
(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 Lee

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

		($000)
(a)	Production of Plans and Specifications	372
(b)	All Other Design Costs	718
(c)	Total Design Cost	1,090
(d)	Contract	650
(e)	In-house	440

(4) Construction Contract Award: JAN 2005

(5) Construction Start: MAR 2005

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Buffalo, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Military Entrance Processing Station	59873

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAR 2007

Installation Engineer: Dermott Smyth
Phone Number: (716) 236-3103

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Drum New York	US Army Forces Command (Installation Mgt Agency, Northeast Region)	1.13

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1267	9963	1477	0	96	0	24	436	2559	15,822
B. END FY 2009	1308	10765	1474	0	86	0	23	433	2559	16,648

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	43,569 ha (107,660 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,153,092
C. AUTHORIZATION NOT YET IN INVENTORY.....		269,498
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		4,950
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		45,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		490,193
H. GRAND TOTAL.....		3,962,733

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	33409	Barracks Complex-Wheeler Sack AAF Ph 2	48,000	11/2002	11/2005
442	52107	Airfield Arrival/Departure Facility	4,950	10/2003	09/2004
		TOTAL	52,950		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
721	Barracks Complex	45,000
	TOTAL	45,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 152

10. MISSION OR MAJOR FUNCTIONS:

Maintain a Light Infantry Division, trained and ready to deploy rapidly, by air, sea, and land, anywhere in the world, and to be prepared to fight upon arrival and win. Train, mobilize, deploy and sustain Active and Reserve Component combat ready forces while caring for people.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Drum New York

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $152,442, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Drum New York	Barracks Complex-Wheeler Sack AAF Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	33409	Auth Approp 48,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				65,968
Barracks	m2 (SF)	16,312 (175,581)	1,737	(28,340)
Battalion HQs Buildings	m2 (SF)	4,758 (51,215)	1,716	(8,165)
Brigade HQs Building	m2 (SF)	1,185 (12,755)	1,836	(2,176)
Company Operations Facilities	m2 (SF)	9,069 (97,618)	1,733	(15,713)
Dining Facility	m2 (SF)	2,210 (23,789)	2,884	(6,375)
Total from Continuation page				(5,199)
SUPPORTING FACILITIES				18,141
Electric Service	LS	--	--	(524)
Water, Sewer, Gas	LS	--	--	(4,385)
Paving, Walks, Curbs & Gutters	LS	--	--	(2,859)
Storm Drainage	LS	--	--	(277)
Site Imp(6,797) Demo(2,291)	LS	--	--	(9,088)
Information Systems	LS	--	--	(598)
Antiterrorism/Force Protection	LS	--	--	(410)
ESTIMATED CONTRACT COST				84,109
CONTINGENCY PERCENT (5.00%)				4,205
SUBTOTAL				88,314
SUPV, INSP & OVERHEAD (5.70%)				5,034
DESIGN/BUILD - DESIGN COST				3,612
TOTAL REQUEST				96,960
TOTAL REQUEST (ROUNDED)				97,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Complete construction of an incrementally funded barracks complex, which was authorized in FY 2004 for $92M. In FY 2004, a $49M appropriation was also approved for the Phase 1 funding increment. This project requests a $48M appropriation for the Phase 2 funding increment, and an authorization increase of $5M. The complex includes barracks, battalion headquarters, troop aid station, ten company operating facilities, and a multi-purpose ball field. Install intrusion detection systems (IDS) to all arms rooms and classified storage areas. Suporting facilities include utilities; electric service; sewer; fire protection and alarm system; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Heating systems will be provided by natural gas-fired system. Air conditioning (33 tons) will be provided for vaults and communication systems automated data processing (ADP) equipment. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (327,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Supporting facility costs are high due to extensive site preparation

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Consolidated Troop Aid Station	m2 (SF)	721 (7,761)	1,827	(1,317)
Multipurpose Athletic Field	EA	1 --	524,422	(524)
IDS Installation	LS	--	--	(645)
Antiterrorism Force Protection	LS	--	--	(1,926)
Building Information Systems	LS	--	--	(787)
			Total	5,199

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
and demolition.

---

11. REQ: 4,486 PN ADQT: 3,133 PN SUBSTD: 1,353 PN
PROJECT: Construct a barracks complex. (Current Mission)
REQUIREMENT: 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 barracks utilization is 480 soldiers.
CURRENT SITUATION: The aviation brigade currently uses barracks, operational, and administrative facilities in the main cantonment 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 large amount of time. Also, weather conditions in the winter can add substantial time and risk to the travel. The existing facilities will be back-filled by units that are currently occupying substandard facilities.
IMPACT IF NOT PROVIDED: If this project is not provided, the Aviation Brigade will continue to suffer reduced efficiencies due to the separation from the airfield, and soldiers will continue to live in substandard facilities.
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 (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. The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. During the past two years, about $2M was spent on sustainment, restoration and modernization (SRM) on unaccompanied enlisted personnel housing at Fort Drum, NY. Upon completion of this project, and other

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Wheeler Sack AAF Ph 2	33409

ADDITIONAL: (CONTINUED)
projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party personnel deficit will be 1,113 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..... NOV 2002
(b) Percent Complete As Of January 2004..... 25.00
(c) Date 35% Designed..... SEP 2004
(d) Date Design Complete..... NOV 2005
(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: YES
(b) Where Most Recently Used:
Fort Drum

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

(a) Production of Plans and Specifications..... 500
(b) All Other Design Costs..... 1,300
(c) Total Design Cost..... 1,800
(d) Contract..... 500
(e) In-house..... 1,300

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2007

Installation Engineer: COL JOHN RAMEY
Phone Number: 315 772-5371

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Drum New York	Airfield Arrival/Departure Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	442	52107	Auth 4,950 Approp 4,950

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				3,913
DA-ACG Building JI Lanes	m2 (SF)	936.46 (10,080)	1,105	(1,035)
Scale House	m2 (SF)	163.51 (1,760)	1,285	(210)
Vehicle Scale	EA	1 --	55,262	(55)
Marshal Area, Base Course	m2 (SY)	4,088 (4,889)	14.94	(61)
Marshal Area, Concrete	m2 (SY)	4,088 (4,889)	49.01	(200)
Total from Continuation page				(2,352)
SUPPORTING FACILITIES				568
Electric Service	LS	--	--	(89)
Water, Sewer, Gas	LS	--	--	(66)
Paving, Walks, Curbs & Gutters	LS	--	--	(157)
Storm Drainage	LS	--	--	(50)
Site Imp(120) Demo( )	LS	--	--	(120)
Information Systems	LS	--	--	(10)
Antiterrorism/Force Protection	LS	--	--	(50)
Airfield Ops Bldg Info Sys	LS	--	--	(26)
ESTIMATED CONTRACT COST				4,481
CONTINGENCY PERCENT (5.00%)				224
SUBTOTAL				4,705
SUPV, INSP & OVERHEAD (5.70%)				268
TOTAL REQUEST				4,973
TOTAL REQUEST (ROUNDED)				4,950
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct an expansion to the Departure-Arrival/Airport Control Group (DA-ACG) Facility, Scale House, Marshalling Area, and enclosed parking structure on the existing Ready Area. Supporting facilities include concrete approaches to the new buildings, electric service, area lighting, fire mains, and communication lines.

11. REQ: 7,102 m2 ADQT: 2,658 m2 SUBSTD: NONE

PROJECT: Expand the current DA-ACG facilities, scales, marshalling area and ready area. (Current Mission)

REQUIREMENT: This project is required to increase the speed of deploying rolling stock and palletized equipment. This project is required to prevent the current bottleneck caused by both vehicles and cargo passing through existing facilities. Equipment brought forward to the Ready Area is currently exposed to accumulations of snow and ice during winter operations. Equipment must be clear of all ice and snow to prevent overloading of the aircraft. An enclosed parking structure is needed to insure cargo loaded on planes is of the documented weight. Palletized equipment and supplies will be brought to the existing marshalling area through the existing scales and joint inspection (JI)lines, to the Ready Area. Rolling stock will be brought to the new

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Covered Ready Area	m2 (SF)	3,345 (36,000)	687.81	(2,300)
Building Information Systems	LS	--	--	(52)
			Total	2,352

REQUIREMENT: (CONTINUED)
Marshalling Area, through the new scale and JI lines, to the Ready Area. To support this project, concrete building approaches, electric services, area lighting, communication lines, and fire mains will also be installed.
CURRENT SITUATION: Currently the speed of deployment of the Division assets is limited to the speed that equipment can be processed through the existing scale and DA-ACG facilities. Currently all equipment, including vehicles and cargo, pass through the same scale and JI lines in route to the Ready Area. Upon arrival at the Call Forward Area (CFA), vehicles and equipment may remain on the hardstand, exposed to the elements, for several hours before actual outloading occurs. In the winter, this delay results in an accumulation of snow and/or ice. Prior to loading, all ice and snow must be removed in order to maintain the correct loading weight in accordance with the load plan. This situation not only requires additional manpower to remove the snow and ice, but may also require the loads to be reweighed. Because of the equipment volume, processing bottlenecks occur, impacting the deployment mission.
IMPACT IF NOT PROVIDED: Without these additional facilities, equipment will not pass though the existing facilities quickly enough to allow for loading of planes to support the deployment mission. Continued delays and inefficiencies will continue, impacting active Army and Reserve units deploying through the Wheeler-Sack Army Airfield.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. 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. 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. 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.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Drum, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Airfield Arrival/Departure Facility	52107

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... OCT 2003
(b) Percent Complete As Of January 2004..... 30.00
(c) Date 35% Designed..... FEB 2004
(d) Date Design Complete..... SEP 2004
(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..... 100
(b) All Other Design Costs..... 200
(c) Total Design Cost..... 300
(d) Contract..... 200
(e) In-house..... 100

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... FEB 2005

(6) Construction Completion..... FEB 2006

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

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

Installation Engineer: COL John L. Ramey
Phone Number: 315-772-5371

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Hamilton New York	US Army Military District of Washington (Installation Mgt Agency, Northeast Region)	1.07

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	188	565	213	0	0	0	6	250	689	1,911
B. END FY 2009	188	568	202	0	0	0	7	251	718	1,934

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	129 ha (320 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		341,099
C. AUTHORIZATION NOT YET IN INVENTORY.....		0
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		7,600
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		61,200
H. GRAND TOTAL.....		409,899

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	DESIGN COMPLETE
730	52224	Military Police Station	7,600	04/2002	09/2004
		TOTAL	7,600		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		43

10. MISSION OR MAJOR FUNCTIONS:

Fort Hamilton Military Community has been home to the North Atlantic Division, US Army Corps of Engineers. The post is located in the Bay Ridge section of Brooklyn, NY, at the base of the world-famous Verranzano Narrows Bridge.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Hamilton New York

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $42,757, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Hamilton New York	Military Police Station

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22896A	730	52224	Auth 7,600 Approp 7,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				2,407
Military Police Station	m2 (SF)	1,115 (12,000)	1,824	(2,033)
IDS Installation	LS	--	--	(125)
Antiterrorism Force Protection	LS	--	--	(120)
Building Information Systems	LS	--	--	(129)
SUPPORTING FACILITIES				4,446
Electric Service	LS	--	--	(70)
Water, Sewer, Gas	LS	--	--	(58)
Paving, Walks, Curbs & Gutters	LS	--	--	(115)
Storm Drainage	LS	--	--	(65)
Site Imp(585) Demo(3,500)	LS	--	--	(4,085)
Information Systems	LS	--	--	(8)
Antiterrorism/Force Protection	LS	--	--	(45)
ESTIMATED CONTRACT COST				6,853
CONTINGENCY PERCENT (5.00%)				343
SUBTOTAL				7,196
SUPV, INSP & OVERHEAD (5.70%)				410
TOTAL REQUEST				7,606
TOTAL REQUEST (ROUNDED)				7,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a two-story military police (MP) station with offices, toilets, showers, arms room, and an elevator. Install an intrusion detection system (IDS) and a standby generator (OPA-funded). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Demolish two buildings (141,370 SF), and an abandoned transformer vault (833 SF) with asbestos and lead paint removal. Access for persons with disabilities will be provided. Air conditioning: 40 tons. Anti-terrorism/force protection (AT/FP) measures include reinforced concrete masonry units with brick veneer, hardening of the doors, laminated glass, and traffic control barriers. High supporting cost are due to site preparation and demolition.

11. REQ: 1,115 m2 ADQT: NONE SUBSTD: 610 m2

PROJECT: Construct a two-story military police station. (Current Mission)

REQUIREMENT: The project is required to consolidate the 152nd MP Company, Department of Defense (DOD) police, and support staff activities in one building improving supervision, communications, response and enhancing mission accomplishment.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Hamilton, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Military Police Station	52224

CURRENT SITUATION: Military police operations occupy three buildings with 6,566 SF, approximately one-half of that required. One building, built in 1938 as barracks and since converted to a Garrison Headquarters, houses the MP lockers. The locker room has neither bathrooms nor showers and its separation from the MP station degrades operations. The 152nd MP Company occupies 783 SF of administrative space in another building, a converted barracks built in 1960. Again, dispersion of activities degrades operational efficiencies. The main MP station is housed in a third building, a 3,370 SF facility constructed in 1960. The building is inadequate to accommodate MP operations. It is not air conditioned and lacks natural ventilation. Handicapped toilets are not available. The public access end of the building is a short corridor and one small office. Organizational parking is not sufficient. Organizational vehicles are parked in customer parking areas degrading service. The location of the station makes it especially vulnerable to terrorist attack.

IMPACT IF NOT PROVIDED: If this project is not provided, the military police will continue to occupy space at dispersed locations negatively impacting the security and surveillance mission. The dispersion and inadequacy of the facilities will degrade supervision and communications and the timeliness of response. The lack of adequate parking will negatively impact customer service. If this project is not provided, the main MP station will remain vulnerable to terrorist attack.

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

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 2002
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... SEP 2004
(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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Hamilton, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Military Police Station	52224

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a)	Production of Plans and Specifications.....	200
(b)	All Other Design Costs.....	400
(c)	Total Design Cost.....	600
(d)	Contract.....	400
(e)	In-house.....	200

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... FEB 2005

(6) Construction Completion..... FEB 2006

Installation Engineer: Louis F. Aiese
Phone Number: (718) 630-4492

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
United States Military Academy New York	United States Military Academy (Installation Mgt Agency, Northeast Region)	1.40

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	724	672	2211	40	4785	0	35	226	1386	10,079
B. END FY 2009	718	511	2085	0	5	0	28	226	1385	4,958

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	6,512 ha (16,091 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,567,821
C. AUTHORIZATION NOT YET IN INVENTORY.....		132,791
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		60,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		1,460
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		350,060
H. GRAND TOTAL.....		3,112,132

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
610	39538	Library & Learning Center Ph 1	34,500	04/2002	01/2004
		TOTAL	34,500		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
610	Library & Learning Center Ph 2	25,500
178	Modified Record Fire Range	1,460
	TOTAL	26,960

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 543

10. MISSION OR MAJOR FUNCTIONS:

The mission of the United States Military Academy (USMA) is to educate, train, and inspire the Corps of Cadets so that each graduate shall have the character, leadership, intellectual foundation, and other attributes essential to progression and continuing development throughout a career of exemplary service to the nation as an officer of the regular Army. USMA is the installation manager for Stewart Army Subpost.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: United States Military Academy New York

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $543,195, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
United States Military Academy New York	Library & Learning Center Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85896A	610	39538	Auth 60,000 Approp 34,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				49,332
Library and Learning Center	m2 (SF)	13,817 (148,725)	3,099	(42,821)
Existing Library Renovation	m2 (SF)	2,072 (22,300)	1,974	(4,089)
Asbestos/Lead Paint Removal	m2 (SF)	2,072 (22,300)	32.61	(68)
IDS Installation	LS	--	--	(75)
EMCS Connection	LS	--	--	(1,065)
Building Information Systems	LS	--	--	(1,214)
SUPPORTING FACILITIES				4,702
Electric Service	LS	--	--	(416)
Water, Sewer, Gas	LS	--	--	(338)
Steam And/Or Chilled Water Dist	LS	--	--	(159)
Paving, Walks, Curbs & Gutters	LS	--	--	(521)
Storm Drainage	LS	--	--	(140)
Site Imp(3,081) Demo( )	LS	--	--	(3,081)
Information Systems	LS	--	--	(47)
ESTIMATED CONTRACT COST				54,034
CONTINGENCY PERCENT (5.00%)				2,702
SUBTOTAL				56,736
SUPV, INSP & OVERHEAD (5.70%)				3,234
TOTAL REQUEST				59,970
TOTAL REQUEST (ROUNDED)				60,000
INSTALLED EQT-OTHER APPROP				(1,192)

10.Description of Proposed Construction

Construct an incrementally funded Library and Learning Center. This project requests full authorization of $60M, and a Phase 1 funding increment of $34.5M. The remaining Phase 2 funding increment of $25.5M will be requested in FY 2006. The Library and Learning Center will be constructed at the center of the cadet academic zone on Jefferson Road directly across from the existing library. Library functions include Collections; User Services; Administration; Collection Development; Technical Services; Staff Support; Public Services; and Support Services. Included in the new facility will be two Learning Center components, the Center for Enhanced Performance (CEP) and the Center for Teaching Excellence (CTE). The existing Library will be partially renovated to house the Archives and Special Collections functions of the library. The new library facility will be equipped with elevators; internet and local area network connections; mechanical and electrical rooms; a heating, ventilation and air conditioning (HVAC) system (estimated 600 tons); steam heat with a connection to the central steam distribution system (5,640,000 BTU hours); telecommunications and video communications equipment; fire detection and suppression systems; connect an energy monitoring and control system (EMCS); and pedestrian and vehicular access. Install an intrusion detection system (IDS). Special

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
architectural treatments such as granite facing and local historic details are required because of the site's location in the Academy's historic district. Renovation of the existing library includes relocation of interior walls to support new floor plan layouts, asbestos and lead-based paint removal and disposal, and upgrades of electrical, lighting, HVAC, interior finishes, and information systems. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Other significant site costs include the excavation and blasting of subsurface rock, plus blast monitoring and protection. Comprehensive interior design services will be employed for the new interior finishes as appropriate for the Archives and Special Collections function of the Library. The integration of the USMA Learning Centers with the Library will require the relocation of all functions. The activities in the existing library will need to be transferred across Jefferson Road to the new facility.

---

11. REQ: 15,143 m2 ADQT: NONE SUBSTD: 11,241 m2
PROJECT: Construct a library and learning center and renovate a portion of an existing library. (Current Mission)
REQUIREMENT: Since its construction in 1964, the library has undergone many changes in requirements and functions as well as significant expansion of the library collection. Because of the dramatic increase in the size of the collection, it has been necessary to displace user spaces to house the collection, thus restricting the number of patrons that can use the library at any given time. The archives and special collections function has been added to the library mission. These functions are a special and unique resource to the United States Military Academy (USMA) and they document the history of the Academy and the US Army, as well as of many of its distinguished graduates. The Learning Center functions, currently scattered across the Academy, will also benefit from being collocated with the library. The archives and special collections will be located in renovated space in the existing library.
CURRENT SITUATION: The current library facility occupies approximately 100,000 gross square feet in Moore Wing and a small portion of the basement in Bartlett Hall. Since the library's construction, the advent of computers and technology have further strained the library; the building is not fully able to support the resources necessary to adequately implement its mission of supporting information and research specialists. Additionally, the building will not support the technology and resources necessary for modernization of the existing library. An additional 21,000 gross square feet of library storage and the Archives and Special Collections Division is located at South Post (approximately one and a half miles from the academic center). Learning Center functions occupy about 10,000 gross square feet at various locations throughout the campus.
IMPACT IF NOT PROVIDED: If this project is not provided, the library and

IMPACT IF NOT PROVIDED: (CONTINUED)
learning center functions will continue to operate in overcrowded, fragmented facilities, reducing their effectiveness for educational purposes. The procurement of materials and technology will be curtailed and critical support space such as study and reading rooms will be converted to book stacks, further degrading the learning environment. If this project is not provided, the USMA library will not meet American Library Association academic space standards and reaccreditation of the USMA academic program could be put at risk. The library was a source of concern during the 1999 Middle States College and University Association reaccreditation report, as well as a 1990 accreditation evaluation.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2002
(b) Percent Complete As Of January 2004	95.00
(c) Date 35% Designed	DEC 2002
(d) Date Design Complete	JAN 2004
(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	3,300
(b) All Other Design Costs	4,200
(c) Total Design Cost	7,500
(d) Contract	5,500
(e) In-house	2,000

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... FEB 2005

(6) Construction Completion..... JUN 2008

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Info Sys - ISC	OPA	2006	191
Info Sys - PROP	OPA	2006	1,001
		TOTAL	1,192

Installation Engineer: COL Thomas F. Julich
Phone Number: 845-938-3415

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
North Carolina		Fort Bragg (FORSCOM/SERO)				269
	44493	Barracks Complex Renewal BlackJack St Ph 1	80,000	49,000	C	271
	47348	Barracks Complex-Bastogne Dr Ph 2	0	48,000	C	274
	48441	Barracks Complex-Donovan Street Ph 5	15,500	15,500	C	277
	55339	Flight Control Tower	2,500	2,500	N	280
	57315	Shoot House	2,037	2,037	C	283
	58481	Shoot House	1,650	1,650	C	286
		Subtotal Fort Bragg PART I	$ 101,687	118,687		
		* TOTAL MCA FOR North Carolina	$ 101,687	118,687		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bragg North Carolina	US Army Forces Command (Installation Mgt Agency, east Region)	0.88

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	5447	34871	3774	639	2584	5	234	665	7999	56,218
B. END FY 2009	5536	35204	4053	862	2621	0	249	696	8574	57,795

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	599,902 ha (1,482,384 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		5,588,783
C. AUTHORIZATION NOT YET IN INVENTORY.....		754,930
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		101,687
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		204,398
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		324,310
H. GRAND TOTAL.....		6,974,108

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	44493	Barracks Complex Renewal BlackJack St Ph 1	49,000	03/2003	03/2005
721	47348	Barracks Complex-Bastogne Dr Ph 2	48,000	03/2002	04/2004
721	48441	Barracks Complex-Donovan Street Ph 5	15,500	02/2003	08/2004
171	57315	Shoot House	2,037	02/2003	08/2004
133	55339	Flight Control Tower	2,500	11/2003	09/2004
171	58481	Shoot House	1,650	02/2003	08/2004
		TOTAL	118,687		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
740	Physical Fitness Training Center	12,400
721	Barracks Complex-3d Bde Ph 1a	50,000
721	Barracks Complex-DIVARTY Ph 1	50,000
721	Barracks Complex Renewal BlackJack St Ph 2	31,000
610	Courthouse Conversion	2,700
721	Barracks Cpx/2nd Bde, Ph 3	50,000
179	Urban Assault Course	1,398
141	Company Operations Bldg	6,900
	TOTAL	204,398
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		861

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Bragg North Carolina

10. MISSION OR MAJOR FUNCTIONS:

Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $861,354, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Barracks Complex Renewal BlackJack St Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	44493	Auth 80,000 Approp 49,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				54,348
Enlisted Barracks 200 PN	m2 (SF)	6,958 (74,895)	1,478	(10,285)
Battalion HQ Bldg 2 Story	m2 (SF)	7,158 (77,050)	1,363	(9,757)
Group Headquarters Building	m2 (SF)	1,721 (18,525)	1,393	(2,397)
Dining Facility	m2 (SF)	2,080 (22,389)	2,251	(4,682)
Unaccomp Enl Pers Hsg w/o Dinin	m2 (SF)	4,614 (49,664)	1,554	(7,170)
Total from Continuation page				(20,057)
SUPPORTING FACILITIES				17,383
Electric Service	LS	--	--	(1,668)
Water, Sewer, Gas	LS	--	--	(803)
Steam And/Or Chilled Water Dist	LS	--	--	(1,382)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,600)
Storm Drainage	LS	--	--	(3,043)
Site Imp(7,811) Demo(203)	LS	--	--	(8,014)
Information Systems	LS	--	--	(153)
Antiterrorism/Force Protection	LS	--	--	(720)
ESTIMATED CONTRACT COST				71,731
CONTINGENCY PERCENT (5.00%)				3,587
SUBTOTAL				75,318
SUPV, INSP & OVERHEAD (5.70%)				4,293
TOTAL REQUEST				79,611
TOTAL REQUEST (ROUNDED)				80,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct an incrementally funded barracks complex. This project requests full authorization of $80M, and a Phase 1 funding increment of $49M. The remaining Phase 2 funding increment ($31M) will be requested in FY 2006. The complex includes barracks, company operations facilities, battalion headquarters with classrooms (4 large and 1 medium), a dining facility, and upgrade to the existing central energy plant (CEP). Install an energy monitoring and control system (EMCS), and intrusion detection systems (IDS) for the arms vaults. Supporting facilities include utilities; electric service; steam and chilled water distribution; fire protection and alarm systems; paving, walks, curbs, and gutters; road improvements; access roads; storm drainage; erosion control measures; underground retention ponds; information systems; and site improvements. Demolition will include the removal of underground fuel tanks, asphalt pavement, sidewalks, water pipes, sanitary sewer pipes, storm drainage, and a grease rack. Heating and air conditioning (275 tons) will be provided by self-contained units for the barracks. Heating and air conditioning (270 tons) for the battalion headquarters and Corps Support Command (COSCOM) headquarters will be provided by connection to an existing CEP. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
AT/FP Measures	m2 (SF)	30,068 (323,646)	243.51	(7,322)
EMCS/IDS	LS	--	--	(478)
Company Operations Building	m2 (SF)	1,094 (11,777)	1,335	(1,461)
Battalion Headquarters Building	m2 (SF)	1,487 (16,006)	1,411	(2,098)
Command Headquarters Building	m2 (SF)	3,266 (35,154)	1,753	(5,724)
Group Headquarters Building	m2 (SF)	1,689 (18,185)	1,396	(2,358)
Building Information Systems	LS	--	--	(616)
			Total	20,057

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
doors, and site measures. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

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11. REQ: 14,988 PN ADQT: 10,730 PN SUBSTD: 4,258 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. The maximum barracks utilization is 200 soldiers.
CURRENT SITUATION: The existing barracks are old and inadequate. The existing operational facilities are too small and, in many cases, located in the barracks. 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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $13M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Bragg,

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex Renewal BlackJack St Ph 1	44493

ADDITIONAL: (CONTINUED)

NC. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 3,442 personnel 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..... MAR 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... MAR 2005
(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

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

(a) Production of Plans and Specifications..... 1,900
(b) All Other Design Costs..... 800
(c) Total Design Cost..... 2,700
(d) Contract..... 2,200
(e) In-house..... 500

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... SEP 2007

Installation Engineer: GREGORY G. BEAN
Phone Number: 910 396 5300

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Barracks Complex-Bastogne Dr Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	47348	Auth Approp 48,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				65,503
Barracks	m2 (SF)	27,596 (297,040)	1,330	(36,714)
Company Operations Facilities	m2 (SF)	11,031 (118,736)	1,288	(14,208)
Battalion Headquarters Building	m2 (SF)	1,773 (19,089)	1,417	(2,513)
Administrative Facility	m2 (SF)	2,300 (24,760)	1,176	(2,706)
Dining Facility	m2 (SF)	2,559 (27,550)	2,169	(5,551)
Total from Continuation page				(3,811)
SUPPORTING FACILITIES				20,200
Electric Service	LS	--	--	(3,663)
Water, Sewer, Gas	LS	--	--	(618)
Steam And/Or Chilled Water Dist	LS	--	--	(3,906)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,327)
Storm Drainage	LS	--	--	(2,237)
Site Imp(3,395) Demo(4,310)	LS	--	--	(7,705)
Information Systems	LS	--	--	(525)
Antiterrorism/Force Protection	LS	--	--	(219)
ESTIMATED CONTRACT COST				85,703
CONTINGENCY PERCENT (5.00%)				4,285
SUBTOTAL				89,988
SUPV, INSP & OVERHEAD (5.70%)				5,129
TOTAL REQUEST				95,117
TOTAL REQUEST (ROUNDED)				95,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Complete construction of an incrementally funded barracks complex, which was authorized in FY 2004 for $97M. In FY 2004, a $47M appropriation was approved for the Phase 1 funding increment. This project requests a $48M appropriation for the Phase 2 funding increment. The complex includes new 4-story barracks, company operations facilities (one building to house four medium-size companies, and another to house two medium-size and two large-size companies), a large battalion headquarters, a dining facility, an administrative facility, parking, recreational areas, community green space, and secondary access roads. Connect energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS) in the arms rooms. Supporting facilities include utilities; electric service; install a new electrical circuit in the Longstreet Substation; fire protection and alarm systems; paving, walks, curbs, and gutters; traffic signage; storm drainage including underground stormwater retention; erosion control measures; information systems; and site improvements. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Heating and air conditioning (650 tons) will be provided. Demolish existing buildings (119,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Bastogne Dr Ph 2	47348

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Central Energy Plant Upgrade	EA	1 --	743,342	(743)
IDS Installation	LS	--	--	(205)
Antiterrorism Force Protection	LS	--	--	(1,917)
Building Information Systems	LS	--	--	(946)
			Total	3,811

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
in public areas. Comprehensive interior and furnishings related design services are required.

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11. REQ: 14,988 PN ADQT: 10,738 PN SUBSTD: 4,258 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. The maximum utilization is 768 soldiers.
CURRENT SITUATION: The exiting gang latrine barracks are 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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, $13M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Bragg, NC. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 3,442 personnel at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget

ADDITIONAL: (CONTINUED)
estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	MAR 2002
(b)	Percent Complete As Of January 2004	85.00
(c)	Date 35% Designed	OCT 2002
(d)	Date Design Complete	APR 2004
(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

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

		($000)
(a)	Production of Plans and Specifications	1,900
(b)	All Other Design Costs	565
(c)	Total Design Cost	2,465
(d)	Contract	65
(e)	In-house	2,400

(4) Construction Contract Award..... JUL 2004

(5) Construction Start..... DEC 2004

(6) Construction Completion..... JUN 2006

Installation Engineer: COL Gregory Bean
Phone Number: 910-396-4009

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Barracks Complex-Donovan Street Ph 5

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	48441	Auth 15,500 Approp 15,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				12,487
Barracks	m2 (SF)	7,192 (77,414)	1,474	(10,605)
Soldier Community Building	m2 (SF)	471 (5,070)	1,601	(754)
Hazardous Materials Abatement	m2 (SF)	7,192 (77,414)	89.81	(646)
Force Protection	m2 (SF)	7,663 (82,484)	44.71	(343)
Building Information Systems	LS	--	--	(139)
SUPPORTING FACILITIES				1,636
Electric Service	LS	--	--	(190)
Water, Sewer, Gas	LS	--	--	(104)
Steam And/Or Chilled Water Dist	LS	--	--	(131)
Paving, Walks, Curbs & Gutters	LS	--	--	(245)
Storm Drainage	LS	--	--	(61)
Site Imp(314) Demo(420)	LS	--	--	(734)
Information Systems	LS	--	--	(127)
Antiterrorism/Force Protection	LS	--	--	(44)
ESTIMATED CONTRACT COST				14,123
CONTINGENCY PERCENT (5.00%)				706
SUBTOTAL				14,829
SUPV, INSP & OVERHEAD (5.70%)				845
TOTAL REQUEST				15,674
TOTAL REQUEST (ROUNDED)				15,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct two barracks buildings to a 240-person capacity (120 spaces each), and construct one, two-story, 200-man soldier community building (SCB). Supporting facilities include utilities; electric service; steam and chilled water distribution; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating and air-conditioning (250 tons) will be provided by connection to an existing central energy plant. Asbestos survey and abatement are required. Lead-based paint remediation is also required. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Demolish four buildings (77,414 SF).

11. REQ: 14,988 PN ADQT: 10,730 PN SUBSTD: 4,258 PN

PROJECT: Construct two barracks buildings and a new soldier community building. (Current Mission)

REQUIREMENT: This project is required to provide living conditions for soldiers that meet current standards. The maximum utilization is 240 soldiers.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Donovan Street Ph 5	48441

CURRENT SITUATION: The existing gang latrine barracks are 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.
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. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $13M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Bragg, NC. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 3,442 personnel 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 2003
(b) Percent Complete As Of January 2004	60.00
(c) Date 35% Designed	SEP 2003
(d) Date Design Complete	AUG 2004
(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

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

(a) Production of Plans and Specifications	520
(b) All Other Design Costs	260

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Donovan Street Ph 5	48441

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost..... 780

(d) Contract..... 620

(e) In-house..... 160

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... DEC 2006

Installation Engineer: GREGORY G. BEAN
Phone Number: (910) 396-5300

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Flight Control Tower

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	133	55339	Auth 2,500 Approp 2,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				1,729
Air Traffic Control Tower/SAAF	m2 (SF)	371.61 (4,000)	4,333	(1,610)
Antiterrorism/Force Protection	m2 (SF)	371.61 (4,000)	246.93	(92)
Building Information Systems	LS	--	--	(27)
SUPPORTING FACILITIES				516
Electric Service	LS	--	--	(153)
Water, Sewer, Gas	LS	--	--	(86)
Paving, Walks, Curbs & Gutters	LS	--	--	(45)
Storm Drainage	LS	--	--	(51)
Site Imp(31) Demo(91)	LS	--	--	(122)
Information Systems	LS	--	--	(12)
Antiterrorism/Force Protection	LS	--	--	(47)
ESTIMATED CONTRACT COST				2,245
CONTINGENCY PERCENT (5.00%)				112
SUBTOTAL				2,357
SUPV, INSP & OVERHEAD (5.70%)				134
TOTAL REQUEST				2,491
TOTAL REQUEST (ROUNDED)				2,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a permanent, ten-story, fire-resistant, air traffic control tower with elevator. Supporting facilities include utilities; electric service; sewer; erosion control measures; fire protection and alarms; paving, walks, curbs and gutters; information systems; site improvements; and anti- terrorist/force protection measures. Heating and air-conditioning will be provided by a self-contained system.
Air-conditioning: 20 tons. Access for persons with disabilities will be provided. Demolish existing control tower (2,491 SF). Asbestos and lead-base paint abatement will be required prior to demolition.

11. REQ: 372 m2 ADQT: NONE SUBSTD: 273 m2
PROJECT: Construct an air traffic control tower with elevator. (Current Mission)
REQUIREMENT: This project is urgently required to provide an adequate facility for monitoring and directing the departure, arrival, and ground movements of governmental and commercially contracted fixed wing and rotary wing aircraft at Simmons Army Airfield. This project was validated and is supported by the U.S. Army Air Traffic Control Activity at Fort Rucker.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004
3.INSTALLATION AND LOCATION		
Fort Bragg, North Carolina		
4.PROJECT TITLE		5.PROJECT NUMBER
Flight Control Tower		55339

CURRENT SITUATION: The current air traffic control tower was constructed in May 1956. The physical condition of the tower presents numerous safety hazards to include asbestos throughout the facility. Rain leaks into equipment rooms damaging sensitive air traffic control communication and radar equipment. The roof is not strong enough to continue supporting the equipment and antennas without causing safety hazards to controllers. Both the tower and ground control approach facilities are overcrowded with equipment and the existing wiring is substandard. The concrete walkway that surrounds the cab has deteriorated to the point where pieces of concrete were falling below and an emergency OMA project had to be funded in order to eliminate this life threatening hazard. The heating, ventilation, and air-conditioning systems are inadequate and incapable of supporting the facility.

IMPACT IF NOT PROVIDED: A significant safety hazard will continue to exist for personnel in the facility as well as the inability of the existing tower to provide safe, efficient, and modern air traffic control services.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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. 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 2003
(b) Percent Complete As Of January 2004	30.00
(c) Date 35% Designed	FEB 2004
(d) Date Design Complete	SEP 2004
(e) Parametric Cost Estimating Used to Develop Costs	YES

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

	($000)
(a) Production of Plans and Specifications	150
(b) All Other Design Costs	150
(c) Total Design Cost	300

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Flight Control Tower	55339

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract..... 216

(e) In-house..... 84

(4) Construction Contract Award..... FEB 2005

(5) Construction Start..... MAR 2005

(6) Construction Completion..... AUG 2006

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

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

Installation Engineer: COL Gregory G. Bean
Phone Number: 910-396-4009

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Shoot House

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	171	57315	Auth 2,037 Approp 2,037

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				1,326
Shoot House Range 65/AAR Bldg	m2 (SF)	368.45 (3,966)	2,852	(1,051)
Metal Canopy over Shoot House	m2 (SF)	418.06 (4,500)	432.60	(181)
Building Information Systems	LS	--	--	(94)
SUPPORTING FACILITIES				509
Electric Service	LS	--	--	(45)
Paving, Walks, Curbs & Gutters	LS	--	--	(22)
Storm Drainage	LS	--	--	(16)
Site Imp(28) Demo( )	LS	--	--	(28)
Information Systems	LS	--	--	(388)
Antiterrorism/Force Protection	LS	--	--	(10)
ESTIMATED CONTRACT COST				1,835
CONTINGENCY PERCENT (5.00%)				92
SUBTOTAL				1,927
SUPV, INSP & OVERHEAD (5.70%)				110
TOTAL REQUEST				2,037
TOTAL REQUEST (ROUNDED)				2,050
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Special Forces standard-design shoot house and supporting control building within the footprint of an existing range. 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; less than $1 million). Supporting facilities include electrical service, targetry and data cabling and exterior lighting, water service, septic system, storm water detention, site preparation, environmental protection, asphalt paving, fencing and communications. Access for persons with disabilities will be provided in the control and maintenance buildings. Air conditioning: 4 tons. Supporting facilities cost is high due to the distance to the nearest utility hookups.

11. REQ: 2 FP ADQT: NONE SUBSTD: NONE

PROJECT: Construct a Special Forces standard-design shoot house. (Current Mission)

REQUIREMENT: This project is required to support the unique urban training for special operations forces and 18th Airborne Corps units, including the 82d ABN Division and supporting brigades and units. This project is required to provide a multi-story simulated facility designed for training up to platoon

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Shoot House	57315

REQUIREMENT: (CONTINUED)
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. The shoothouse is required to support these Special Forces units, provide non-conventional training required by United States Army Special Operations Command. The standard design shoothouses that supports the conventional forces, can not provide the requirements of the Special Forces training doctrine.

CURRENT SITUATION: No Special Forces shoothouse facilities currently exist at Fort Bragg. 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.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bragg Range Control will not be able to 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 decreased mission readiness and effectiveness for United States Army Special Operations units.

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 development, design, 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. 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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Shoot House	57315

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... FEB 2003
(b) Percent Complete As Of January 2004..... 50.00
(c) Date 35% Designed..... SEP 2003
(d) Date Design Complete..... AUG 2004
(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

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

(a) Production of Plans and Specifications..... 121
(b) All Other Design Costs..... 149
(c) Total Design Cost..... 270
(d) Contract..... 180
(e) In-house..... 90

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... MAR 2005

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

Installation Engineer: COL Gregory G. Bean
Phone Number: 910-396-4009

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bragg North Carolina	Shoot House

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	171	58481	Auth 1,650 Approp 1,650

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				1,108
Shoot House Range 62	m2 (SF)	231.89 (2,496)	3,001	(696)
Metal Canopy over Shoot House	m2 (SF)	418.06 (4,500)	420.46	(176)
After Action Review (AAR) Bldg	m2 (SF)	127.09 (1,368)	1,097	(139)
Building Information Systems	LS	--	--	(97)
SUPPORTING FACILITIES				384
Electric Service	LS	--	--	(45)
Water, Sewer, Gas	LS	--	--	(24)
Paving, Walks, Curbs & Gutters	LS	--	--	(20)
Storm Drainage	LS	--	--	(18)
Site Imp(69) Demo( )	LS	--	--	(69)
Information Systems	LS	--	--	(208)
ESTIMATED CONTRACT COST				1,492
CONTINGENCY PERCENT (5.00%)				75
SUBTOTAL				1,567
SUPV, INSP & OVERHEAD (5.70%)				89
TOTAL REQUEST				1,656
TOTAL REQUEST (ROUNDED)				1,650
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design shoot house and supporting control building. 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. Connect energy monitoring and control system (EMCS). Supporting facilities include electric service, targetry and data cabling, exterior lighting, water service, septic system, storm drainage, site preparation, environmental protection, gravel paving, fencing, and information systems. Access for persons with disabilities will be provided in the control and maintenance buildings. Air conditioning: 4 tons.

11. REQ: 2 FP ADQT: NONE SUBSTD: NONE

PROJECT: Construct a standard-design live-fire shoot house and infrastructure. (Current Mission)

REQUIREMENT: This project is required to support urban training for XVIII Airborne Corps units and for units that rotate through Fort Bragg. This project will 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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

REQUIREMENT: (CONTINUED)
training scenarios 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 Bragg. 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.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort Bragg Range Control will not be able to 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, and combined forces which visit Fort Bragg.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, anti-terrorism/force protection measures are 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. 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..... FEB 2003
(b) Percent Complete As Of January 2004..... 50.00
(c) Date 35% Designed..... SEP 2003
(d) Date Design Complete..... AUG 2004
(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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Shoot House	58481

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
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.....	98
(b) All Other Design Costs.....	127
(c) Total Design Cost.....	225
(d) Contract.....	153
(e) In-house.....	72

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... MAR 2005

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

Installation Engineer: COL Gregory G. Bean
Phone Number: 910.396.4009

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Oklahoma		Fort Sill (TRADOC/SWRO)				291
	44258	Vehicle Maintenance Facility	14,400	14,400	C	293
	59803	Consolidated Maintenance Complex Ph 3	0	13,100	C	296
		Subtotal Fort Sill PART I	$ 14,400	27,500		
		* TOTAL MCA FOR Oklahoma	$ 14,400	27,500		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Sill Oklahoma	US Army Training and Doctrine Command (Installation Mgt Agency, Southwest Region)	0.92

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1343	9328	1480	1057	7196	0	129	629	3836	24,998
B. END FY 2009	1295	8985	1544	567	7121	0	107	628	4111	24,358

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	37,972 ha (93,831 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,193,215
C. AUTHORIZATION NOT YET IN INVENTORY.....		149,827
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		14,400
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		35,590
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		282,147
H. GRAND TOTAL.....		3,675,179

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
214	44258	Vehicle Maintenance Facility	14,400	07/2003	05/2005
214	59803	Consolidated Maintenance Complex Ph 3	13,100	04/2002	01/2004
		TOTAL	27,500		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
218	Railroad Equipment/Engine	2,590
721	Trainee Barracks Complex	33,000
	TOTAL	35,590

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 459

10. MISSION OR MAJOR FUNCTIONS:

The United States Army Field Artillery Center and Fort Sill will train soldiers and Marines, and develop Field Artillery leaders; design and develop fire support for the force; support unit training and readiness; mobilize and deploy operating forces; and maintain installation infrastructure and services.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Sill Oklahoma

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $459,463, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

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

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	214	44258	Auth 14,400 Approp 14,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				7,601
Vehicle Maintenance Shop	m2 (SF)	2,685 (28,900)	1,414	(3,795)
Deployment Storage Building	m2 (SF)	650.32 (7,000)	777.16	(505)
Shop Apron	m2 (SY)	3,763 (4,500)	78.60	(296)
Organization Veh Hardstand	m2 (SY)	35,953 (43,000)	70.58	(2,537)
EMCS Connection	LS	--	--	(106)
Total from Continuation page				(362)
SUPPORTING FACILITIES				4,907
Electric Service	LS	--	--	(720)
Water, Sewer, Gas	LS	--	--	(2,489)
Paving, Walks, Curbs & Gutters	LS	--	--	(161)
Storm Drainage	LS	--	--	(624)
Site Imp(415) Demo( )	LS	--	--	(415)
Information Systems	LS	--	--	(143)
Antiterrorism/Force Protection	LS	--	--	(355)
ESTIMATED CONTRACT COST				12,508
CONTINGENCY PERCENT (5.00%)				625
SUBTOTAL				13,133
SUPV, INSP & OVERHEAD (5.70%)				749
DESIGN/BUILD - DESIGN COST				525
TOTAL REQUEST				14,407
TOTAL REQUEST (ROUNDED)				14,400
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design tactical equipment shop, including scheduled maintenance bays; hardstand; organizational parking; petroleum, oils and lubricants (POL)storage building; and deployment equipment storage building. Connect to energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service, exterior and security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; extend roadway; oil and water separator; pump station with controls; storm water detention structure; security fencing and gates; information systems; extend sewer main; and site improvements. Heating (gas-fired) and air conditioning (50 tons) will be provided by self-contained systems. Access for persons with disabilities will be provided. Anti-terrorism/force protection measures are included.

11. REQ: 51,907 m2 ADQT: 10,192 m2 SUBSTD: 41,715 m2

PROJECT: Construct a standard-design tactical equipment shop. (Current Mission)

REQUIREMENT: This project is required to provide maintenance facilities for a Multiple Launch Rocket System (MLRS) Battalion. These facilities are needed for the required maintenance and storage of organizational equipment necessary

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Antiterrorism Force Protection	LS	--	--	(146)
Special Foundations	LS	--	--	(121)
Oil Storage Building	m2 (SF)	74.32 (800)	936.81	(70)
Building Information Systems	LS	--	--	(25)
			Total	362

REQUIREMENT: (CONTINUED)
to maintain combat readiness.
CURRENT SITUATION: MLRS Battalions are currently occupying inadequate facilities. The size and configuration of all existing maintenance facilities at Fort Sill will not support the full spectrum of maintenance on the larger MLRS equipment. The MLRS launcher and the Heavy Expanded Mobility Tactical Truck (HEMTT) will not fit in the maintenance bays. Assigned tactical equipment will not fit in the hardstand area. These battalions are operating in overcrowded, failing facilities built in the late 1950s and early 1960s for towed Howitzers and five ton trucks instead of the modern self-propelled MLRS, Howitzers, and larger HEMTT vehicles. The overcrowded conditions reduce the quality of maintenance and make tool accountability and unit training difficult.
IMPACT IF NOT PROVIDED: If this project is not provided, the battalion will continue conducting maintenance in unsatisfactory, crowded conditions resulting in poor maintenance, training, and unacceptable readiness rates. The MLRS Battalion will be forced to perform many maintenance functions outdoors because of the inadequacy of existing facilities.
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. 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 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. 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	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE	5.PROJECT NUMBER
Vehicle Maintenance Facility	44258

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	JUL 2003
(b)	Percent Complete As Of January 2004	15.00
(c)	Date 35% Designed	MAR 2004
(d)	Date Design Complete	MAY 2005
(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: YES

(b) Where Most Recently Used:
Fort Sill

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

		($000)
(a)	Production of Plans and Specifications	506
(b)	All Other Design Costs	322
(c)	Total Design Cost	828
(d)	Contract	529
(e)	In-house	299

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... MAR 2005

(6) Construction Completion..... DEC 2006

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

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

Installation Engineer: DENNIS HERGENRETHER
Phone Number: 580.442.3015

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Sill Oklahoma	Consolidated Maintenance Complex Ph 3

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	214	59803	Auth Approp 13,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				9,644
Component Building	m2 (SF)	3,060 (32,935)	1,422	(4,350)
Wash Building	m2 (SF)	290.60 (3,128)	1,641	(477)
Rehab Bldg 2258 Radio Repair Ar	m2 (SF)	245.26 (2,640)	394.82	(97)
Rehap Bldg 2243, Bay 1, Admin A	m2 (SF)	1,663 (17,897)	957.45	(1,592)
Special Foundations	LS	--	--	(215)
Total from Continuation page				(2,913)
SUPPORTING FACILITIES				2,160
Electric Service	LS	--	--	(167)
Water, Sewer, Gas	LS	--	--	(214)
Paving, Walks, Curbs & Gutters	LS	--	--	(550)
Storm Drainage	LS	--	--	(162)
Site Imp(420) Demo(446)	LS	--	--	(866)
Antiterrorism/Force Protection	LS	--	--	(201)
ESTIMATED CONTRACT COST				11,804
CONTINGENCY PERCENT (5.00%)				590
SUBTOTAL				12,394
SUPV, INSP & OVERHEAD (5.70%)				706
TOTAL REQUEST				13,100
TOTAL REQUEST (ROUNDED)				13,100
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

In FY 2003, Congress authorized the consolidated Directorate of Logistics (DOL) Maintenance Complex for $35 million. This phase requests a Phase 3 appropriation of $13.1 million and a $1.1 million increase in the authorization for the entire complex, from $35 million to $36.1 million. Phase 1 was appropriated in FY 2003 for $10 million. Phase 2 was appropriated in the FY 2004 Budget at $13 million. This project is Phase 3 and includes Component Repair, Wheeled Vehicle Repair, Wash and Inspection facilities, and associated hardstand, and organizational and vehicle parking. Connect to energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service, exterior and security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; oil and water separators; storm water runoff detention structure; security fencing and gates; information systems; and site improvements. Heating (gas-fired) and air conditioning (200 tons) will be provided by self-contained systems. Demolish remaining buildings (100,742 SF).

11. REQ: 17,065 m2 ADQT: NONE SUBSTD: 11,840 m2

PROJECT: Construct Consolidated Maintenance Complex Phase 3 of 3. (Current

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
EMCS Connection	EA	4	--	14,536	(58)
Antiterrorism/Force Protection	LS		--	--	(196)
Install Intrusion Detection Sys	EA	4	--	116,578	(466)
Organizational Vehicle Parking,	m2 (SY)	37,955 (	45,394)	57.78	(2,193)
				Total	2,913

PROJECT: (CONTINUED)

Mission)

REQUIREMENT: Required to provide permanent facilities to meet a unique mission more commonly performed in Tactical Vehicle Maintenance Shops - that of providing on-demand Direct Support (DS) maintenance of Army materiel and equipment for the: US Army Field Artillery Training Center, US Army Field Artillery School, FORSCOM's IIId Armored Corps Artillery - 70 percent of the Army's Multiple Launch Rocket System (MLRS) and tube Field Artillery capability General Support (GS) maintenance is provided to the above-mentioned units, all other post units and activities at Fort Sill, and to the US Army Reserve (USAR) units in a 98 county area in Oklahoma and Northern Texas. This facility is also an Army-wide center for specialized Depot level repairs for a wide range of equipment and materiel thru the National Maintenance Management (NMM) Program. Fort Sill is the only Depot level repair facility for the repair of the Active Army and National Guard Field Artillery units in the United States.

CURRENT SITUATION: Maintenance is currently spread out in 19 temporary World War II (WWII) buildings up to 0.8 miles apart. Much of the installed equipment (overhead bridge cranes, steam-cleaning equipment, lighting systems, water and electrical outlets) is tied to building designs that were geared to predominantly WWII needs and thus fall short in meeting the maintenance requirements of today's larger and more complex materiel, equipment and weapon systems. The buildings are too small, and installed maintenance equipment and systems are of insufficient capacity, outdated, inefficient, and slow and hazardous to operate. Expedient measures such as occupying multiple bays for oversized vehicles, fixing vehicles out on the ranges where they break down, and performing maintenance outside in extremes of weather are often employed. Facilities have serious safety and environmental concerns such as insufficient clearances for mechanics in work bays, inadequate noise controls, insufficient hazardous vapor and dust emission control systems, too few emergency eyewash facilities, and inadequate welding ventilation systems. Solvents, acids, oils and other hazardous materials are potentially leaching through floors and substructures and present hazards to personnel, the soil, and underground water supplies.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE	5.PROJECT NUMBER
Consolidated Maintenance Complex Ph 3	59803

IMPACT IF NOT PROVIDED: If this project is not provided, equipment densities, new systems, training programs, and curriculums cannot be supported properly, impacting mission readiness. OSHA, physical security, and safety standards that are marginal will continue to require major improvements. Continued use of multiple World War II vintage facilities reduces management's ability to adequately control the flow of work and reduces overall effectiveness of the maintenance operation. This dispersion of locations results in added costs for communications, administrative vehicles, extra supervisory and support positions, extra area for storage space (i.e. duplication of storage space), duplication in skills that could be consolidated at one location, and duplication of maintenance equipment and tools.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 2002
(b) Percent Complete As Of January 2004..... 100.00
(c) Date 35% Designed..... AUG 2002
(d) Date Design Complete..... JAN 2004
(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..... 425
(b) All Other Design Costs..... 300
(c) Total Design Cost..... 725
(d) Contract..... 525

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE	5.PROJECT NUMBER
Consolidated Maintenance Complex Ph 3	59803

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 200

(4) Construction Contract Award..... JAN 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2006

Installation Engineer: Dennis Hergenrether
Phone Number: 580.442.3015

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Texas		Fort Bliss (TRADOC/SWRO)				303
	55367	Missile Defense Instruction Facility	16,500	16,500	C	305
		Subtotal Fort Bliss PART I	$ 16,500	16,500		
		Fort Hood (FORSCOM/SWRO)				309
	23654	Barracks Complex	49,888	49,888	C	311
	52001	Digital Multipurpose Range	28,200	28,200	C	314
		Subtotal Fort Hood PART I	$ 78,088	78,088		
		* TOTAL MCA FOR Texas	$ 94,588	94,588		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Bliss Texas	US Army Training and Doctrine Command (Installation Mgt Agency, Southwest Region)	0.92

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1604	8765	2237	241	1667	2	126	382	4864	19,888
B. END FY 2009	1551	8560	1996	211	1921	2	126	441	4987	19,795

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	455,877 ha (1,126,492 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		4,200,789
C. AUTHORIZATION NOT YET IN INVENTORY.....		176,467
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		16,500
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		408,727
H. GRAND TOTAL.....		4,802,483

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
171	55367	Missile Defense Instruction Facility	16,500	04/2003	06/2004
		TOTAL	16,500		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		529

10. MISSION OR MAJOR FUNCTIONS:

Provides support to the US Army Air Defense Center and School; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units. A multifunctional installation that serves as the nation's only Air Defense Center while also serving as a Power Projetion Platform as well as test bed and training installation for Joint and Combined Warfare, employing state-of-the-art technologies.

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Bliss Texas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $529,428, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Bliss Texas	Missile Defense Instruction Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
85796A	171	55367	Auth 16,500 Approp 16,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				12,421
General Instruction Building	m2 (SF)	3,412 (36,727)	1,392	(4,749)
Automation-Aided Instructional	m2 (SF)	3,395 (36,540)	1,603	(5,440)
Antiterrorism/Force Protection	m2 (SF)	6,807 (73,267)	38.43	(262)
Historical Viewshed Cost	m2 (SF)	6,807 (73,267)	30.46	(207)
5 year Commissioning	LS	--	--	(1,400)
Building Information Systems	LS	--	--	(363)
SUPPORTING FACILITIES				2,496
Electric Service	LS	--	--	(326)
Water, Sewer, Gas	LS	--	--	(106)
Paving, Walks, Curbs & Gutters	LS	--	--	(678)
Storm Drainage	LS	--	--	(118)
Site Imp(204) Demo(792)	LS	--	--	(996)
Information Systems	LS	--	--	(169)
Antiterrorism/Force Protection	LS	--	--	(103)
ESTIMATED CONTRACT COST				14,917
CONTINGENCY PERCENT (5.00%)				746
SUBTOTAL				15,663
SUPV, INSP & OVERHEAD (5.70%)				893
TOTAL REQUEST				16,556
TOTAL REQUEST (ROUNDED)				16,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a consolidated Air Missile Defense Instruction Facility (AMDIF). The facility will support US and allied personnel in air defense weapons systems training. Features will include classrooms, labs, administrative and storage space. Costs to meet historical area requirements (historical viewshed) for clay tile roof are included. Supporting facilities include utilities; electric service; security lighting; fire sprinkler, fire protection and alarm systems; fencing; upgrade Pleasonton Road; paving, walks, curbs and gutters; parking, storm drainage; information systems; and site improvements. Access for persons with disabilities will be provided. Heating, ventilation and air conditioning (371 tons) will be provided by self-contained units. Demolish one building (77,239 SF). Demolition includes hazardous materials abatement. As authorized by Public Law 107-107, this project has been selected for the Building Commissioning demonstration program to reduce long-term facility maintenance costs.

11. REQ: 62,245 m2 ADQT: 42,165 m2 SUBSTD: 11,386 m2

PROJECT: Construct a consolidated Air Missile Defense Instruction Facility. (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Missile Defense Instruction Facility	55367

REQUIREMENT: This project is required to provide a state-of-the-art consolidated AMDIF. The average daily load/throughput is 540 students. Estimated annual training load is 1,535 students. The facility will support US and allied personnel. Personnel are trained year round on Patriot air defense weapon systems.
CURRENT SITUATION: This project will replace an existing building which was built in 1953 to support earlier air defense systems. The classrooms and labs have poor functional arrangement. Many rooms are improperly sized for current minimum adequacy space standards. Electrical system is deteriorated and does not support current technology. Fire sprinkler system is inoperative. Heating and cooling equipment is in poor condition and needs replacing. Classrooms are often too hot or too cold. Plumbing lines are corroded. Attempts to repair the sanitary drains have not been successful, drains continue to back up creating a health hazard and obnoxious odors that permeate the building. The roof leaks and causes electrical shorts in multimillion dollar training device labs. Door jambs and window frames are twisted due to settling. Sand through twisted window frames is causing damage to training devices and computer hardware.
IMPACT IF NOT PROVIDED: If this project is not provided, the training for air defense weapons systems will remain in existing substandard facilities and cannot be conducted without degradation. Full integration of training among courses, sharing of computer and simulation equipment, and cooperation among faculty cannot be achieved.
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. An economic analysis has been prepared and utilized in evaluating this project. This 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. 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 2003
(b) Percent Complete As Of January 2004..... 60.00
(c) Date 35% Designed..... JUL 2003
(d) Date Design Complete..... JUN 2004
(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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Bliss, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Missile Defense Instruction Facility	55367

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
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.....	930
(b)	All Other Design Costs.....	60
(c)	Total Design Cost.....	990
(d)	Contract.....	
(e)	In-house.....	990

(4) Construction Contract Award..... OCT 2004

(5) Construction Start..... NOV 2004

(6) Construction Completion..... APR 2006

Installation Engineer: COL Lawrence Sansone
Phone Number: DSN 978-6200

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Hood Texas	US Army Forces Command (Installation Mgt Agency, Southwest Region)	0.85

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	4657	36080	3327	0	407	0	76	393	6386	51,326
B. END FY 2009	4599	35444	3453	3	472	0	76	393	6386	50,826

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	86,834 ha (214,570 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		4,746,853
C. AUTHORIZATION NOT YET IN INVENTORY.....		542,553
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		78,088
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		30,100
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		754,643
H. GRAND TOTAL.....		6,152,237

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	23654	Barracks Complex	49,888	06/2003	09/2004
178	52001	Digital Multipurpose Range	28,200	06/2003	12/2004
		TOTAL	78,088		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
214	Tac Equip Shop-504th MI	24,000
178	Lone Star Range	6,100
	TOTAL	30,100

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 850

10. MISSION OR MAJOR FUNCTIONS:

U.S. Army Garrison provides and maintains the installation infrastucture to support power projection and training of III Corps units and soldiers; a quality living and working environment: for soldiers, families, retires, and authorized cililians; sustains an effective partnership with our surrounding communities; and supports the III Corps/Fort Hood transformation process.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Hood Texas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $849,475, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

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

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	23654	Auth 49,888 Approp 49,888

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				34,611
BARRACKS BLDG	m2 (SF)	16,320 (175,667)	1,295	(21,129)
FOUR MED 2-STORY COMPANY OPS	m2 (SF)	4,274 (46,000)	1,274	(5,445)
CENTRAL ENERGY PLANT	kWr(TN)	3,517 (1,000)	912.74	(3,210)
SPECIAL FOUNDATONS	m2 (SF)	33,414 (359,667)	86.11	(2,877)
IDS Installation	EA	8 --	4,325	(35)
Total from Continuation page				(1,915)
SUPPORTING FACILITIES				10,339
Electric Service	LS	--	--	(655)
Water, Sewer, Gas	LS	--	--	(124)
Steam And/Or Chilled Water Dist	LS	--	--	(2,297)
Paving, Walks, Curbs & Gutters	LS	--	--	(598)
Storm Drainage	LS	--	--	(177)
Site Imp(190) Demo(4,002)	LS	--	--	(4,192)
Information Systems	LS	--	--	(2,034)
Antiterrorism/Force Protection	LS	--	--	(262)
ESTIMATED CONTRACT COST				44,950
CONTINGENCY PERCENT (5.00%)				2,248
SUBTOTAL				47,198
SUPV, INSP & OVERHEAD (5.70%)				2,690
TOTAL REQUEST				49,888
TOTAL REQUEST (ROUNDED)				50,000
INSTALLED EQT-OTHER APPROP				(1,227)

10.Description of Proposed Construction

Construct a barracks complex including barracks and four company operations facilities. Install intrusion detection systems (IDS) in the arms rooms. Supporting facilities include utilities; electric service; exterior lighting; fire protection, fire sprinklers and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Special foundation work is required due to expansive soils. Heating will be provided by gas-fired self-contained systems. Air conditioning (1,000 tons) will be provided by an air conditioning plant and chilled water distribution. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (321,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

11. REQ: 12,575 PN ADQT: 11,912 PN SUBSTD: 663 PN

PROJECT: Construct a barracks complex. (Current Mission)

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	23654

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Antiterrorism/Force Protection	m2 (SF)	33,414 (359,667)	9.69	(324)
Building Information Systems	LS	--	--	(1,591)
			Total	1,915

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum utilization is 480 soldiers.
CURRENT SITUATION: 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.
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. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $4M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Hood, TX. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 183 personnel 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..... JUN 2003
(b) Percent Complete As Of January 2004..... 35.00
(c) Date 35% Designed..... JAN 2004
(d) Date Design Complete..... SEP 2004

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	23654

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(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 Hood

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

(a)	Production of Plans and Specifications.....	2,500
(b)	All Other Design Costs.....	500
(c)	Total Design Cost.....	3,000
(d)	Contract.....	
(e)	In-house.....	3,000

(4) Construction Contract Award..... DEC 2004

(5) Construction Start..... JAN 2005

(6) Construction Completion..... JAN 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
IDS Equipment	OPA	2006	17
Info Sys - ISC	OPA	2006	212
Info Sys - PROP	OPA	2006	998
		TOTAL	1,227

Installation Engineer: COL. RANDALL J. BUTLER
Phone Number: 254-287-5707

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Hood Texas	Digital Multipurpose Range

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	52001	Auth 28,200 Approp 28,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				21,881
Digital Multi Purpose Training	LS	--	--	(21,834)
Building Information Systems	LS	--	--	(47)
SUPPORTING FACILITIES				3,528
Electric Service	LS	--	--	(263)
Paving, Walks, Curbs & Gutters	LS	--	--	(420)
Storm Drainage	LS	--	--	(723)
Site Imp(1,238) Demo(396)	LS	--	--	(1,634)
Information Systems	LS	--	--	(393)
Antiterrorism/Force Protection	LS	--	--	(95)
ESTIMATED CONTRACT COST				25,409
CONTINGENCY PERCENT (5.00%)				1,270
SUBTOTAL				26,679
SUPV, INSP & OVERHEAD (5.70%)				1,521
TOTAL REQUEST				28,200
TOTAL REQUEST (ROUNDED)				28,200
INSTALLED EQT-OTHER APPROP				(21,181)

10.Description of Proposed Construction

Modernize and configure Browns Creek Range to support the digital force. Construct a two-lane Digital Multi-Purpose Training Range (DMPTR) with sufficient targetry to support the Clabber Creek Multi Purpose and Jack Mountain Multi-Purpose Digital Range for CALFEX and FCX gunnery. The new range will consist of Stationary Armor Targets (SAT), Moving Armor Targets (MAT), Stationary Infantry Targets (SIT), Battle Positions, breach site, trench w/bunker, camera towers, After Action Review (AAR) facility, maintenance facility, covered storage for equipping electronic gear and associated power and data to support the range. Demolish D buildings; D SIT, SAT, and MAT emplacements; and D Battle Positions. This range must reconfigure the existing range tower to operate the Next Generation Army Target Systems expected to be placed on this range from both the Browns Creek Range Tower and the adjacent DMPRC Central Control Facility located at Clabber Creek multi-use. This range must include a boresight and screen line with target lifters, assembly areas, entrance road, service and primary course routes, and tank trail revitalization. Supporting facilities include electric service, storm drainage, paving, information systems, and site improvements. Heating and air-conditioning will be provided in the range tower and AAR facilities. Anti-terrorism/force protection (AT/FP) includes hardening of

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Hood, Texas	
4.PROJECT TITLE	5.PROJECT NUMBER
Digital Multipurpose Range	52001

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
windows.

---

11. REQ: 2 LN ADQT: NONE SUBSTD: NONE
PROJECT: Construct a two-lane Digital Multi-Purpose Training Range (DMPTR). (Current Mission)
REQUIREMENT: The DMPTR will be embedded with the necessary information and telecommunications technologies to safely track and manage all forces undergoing live fire operations, to accurately score all engagements against established standards, and to capture all the necessary telemetry and scoring information to thoroughly after action review all live fire exercises. Included among the information technology enablers will be simulation systems to create a synthetic picture of adjacent and enemy forces, and interfaces which allow targetry to be synchronized within realistic synthetic scenarios. Telecommunications enablers include fiber optic cabling with junction boxes to provide synthetic theater of war (STOW) linkages with other live and virtual training outside the range complex, and integrate Electronic Positioning Location Radio System (EPLRS), Singe Channel Ground Airborne Radio System (SINCGARS), System Improvement Program (SIP), and other technical architecture necessary for supporting the full range of digital systems to be employed on the DMPTR. This DMPTR is required to provide digitally enhanced combat platforms with all the constituent elements featured in digital warfighting operations. This range is required to provide extended breadth and depth of crew live fire engagements against a wide variety of targetry. The range is required to safely, but effectively, control lethal fires from diverse combat platforms without intrusion into unit command integrity. The range is required to create a realistic digital environment; synthetically generating all the situational awareness and relevant common picture data for the unit’s battle space to train and maintain digital system proficiency at crew level prior to higher level live-fire training.
CURRENT SITUATION: Current multi-purpose training range facilities cannot support current and future standard live-fire training requirements for the M2 series tank or the M2/M3 Bradley Fighting Vehicle. The current analog ranges do not support the advanced weapons and command and control systems being fielded by the Digitized Force. Existing ranges are not capable of processing digital information, nor do they possess the systems to provide digital situational feedback to firing vehicles and units or receive digital reports. Present targetry will not interact with either the firing element or the Digitally Enhanced Range Operations Center Command and Control System. Additionally, the present Fort Hood live-fire ranges do not provide for digital gunnery training at the crew level prior to Tank Table VIII to be conducted on the DMPRC. As the vanguard for the US Army’s digitized force, Phantom Corps is currently fielding and testing the equipment, which will transform it. Fort Hood requires the DMPTR to adequately train units in crew level gunnery.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Hood, Texas	
4.PROJECT TITLE	5.PROJECT NUMBER
Digital Multipurpose Range	52001

IMPACT IF NOT PROVIDED: If this project is not provided, there will be a continuation of major training shortfalls for the Active Army, Army Reserve, and National Guard units training at Fort Hood. The mounted force cannot step forward to meet the realities of current and future deployments without a training facility aligned to readiness for this mission. Support of armor, combined arms training strategy (CATS), regional training center (RTC), and readiness of the armor force will be severely impaired. These various units will continue to train with little or no hope of attaining and maintaining the degree of proficiency required for combat with the advanced army situational awareness systems.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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. 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	JUN 2003
(b) Percent Complete As Of January 2004	35.00
(c) Date 35% Designed	JAN 2004
(d) Date Design Complete	DEC 2004
(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 Hood

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

	($000)
(a) Production of Plans and Specifications	1,035
(b) All Other Design Costs	1,265
(c) Total Design Cost	2,300
(d) Contract	1,742
(e) In-house	558

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Hood, Texas

4.PROJECT TITLE	5.PROJECT NUMBER
Digital Multipurpose Range	52001

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Contract Award..... FEB 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Instrumentation and Targetry	OPA	2006	21,132
Info Sys - ISC	OPA	2006	9
Info Sys - PROP	OPA	2006	40
		TOTAL	21,181

Installation Engineer: COL. RANDALL J. BUTLER
Phone Number: 254-287-5707

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Virginia		Fort A P Hill (FORSCOM/NERO)				321
	58719	Shoot House	3,975	3,975	C	323
		Subtotal Fort A P Hill PART I	$ 3,975	3,975		
		Fort Myer (MDW/NERO)				327
	56486	Barracks Complex-Sheridan Ave	49,526	49,526	C	329
		Subtotal Fort Myer PART I	$ 49,526	49,526		
		* TOTAL MCA FOR Virginia	$ 53,501	53,501		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort A P Hill Virginia	US Army Forces Command (Installation Mgt Agency, Northeast Region)	0.98

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	59	381	249	0	30	0	2	32	130	883
B. END FY 2009	58	382	238	0	0	0	2	32	164	876

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	30,718 ha (75,905 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		369,977
C. AUTHORIZATION NOT YET IN INVENTORY.....		5,400
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		3,975
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		2,700
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		46,420
H. GRAND TOTAL.....		428,472

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
178	58719	Shoot House	3,975	12/2002	09/2004
		TOTAL	3,975		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
178	Modified Record Fire Range	2,700
	TOTAL	2,700

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 13

10. MISSION OR MAJOR FUNCTIONS:

To provide realistic joint and combined arms training, logistics and support, enabling America's Defense Forces to win on 21st century battlefields.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort A P Hill Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $13,185, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort A P Hill Virginia	Shoot House

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22212A	178	58719	Auth 3,975 Approp 3,975

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				2,217
Live Fire Shoot House	m2 (SF)	418.06 (4,500)	1,376	(575)
After Action Review	m2 (SF)	107.02 (1,152)	1,629	(174)
Briefing Shed	m2 (SF)	31.59 (340)	1,271	(40)
Briefing Sheds (2@600SF Each)	m2 (SF)	111.48 (1,200)	942.63	(105)
Ammunition Issue Bldg	m2 (SF)	62.71 (675)	1,688	(106)
Total from Continuation page				(1,217)
SUPPORTING FACILITIES				1,365
Electric Service	LS	--	--	(487)
Water, Sewer, Gas	LS	--	--	(60)
Paving, Walks, Curbs & Gutters	LS	--	--	(82)
Storm Drainage	LS	--	--	(21)
Site Imp(594) Demo( )	LS	--	--	(594)
Information Systems	LS	--	--	(95)
Antiterrorism/Force Protection	LS	--	--	(26)
ESTIMATED CONTRACT COST				3,582
CONTINGENCY PERCENT (5.00%)				179
SUBTOTAL				3,761
SUPV, INSP & OVERHEAD (5.70%)				214
TOTAL REQUEST				3,975
TOTAL REQUEST (ROUNDED)				4,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design shoot house, after action review building, briefing sheds, ammunition issue building, two field service latrines, covered dining structure, three equipment/target storage sheds, covered bleachers; an urban assault course consisting of five separate training stations to include an individual team trainer, a squad trainer, a grenadier gunnery trainer, an offense/defense building, an underground trainer and a breach facility with separate door, window and wall stations. Install fixed crane. The shoothouse will contain multiple entry points, day/night audio-video recording devices configured to provide coverage of the entire shoot house, and installed reconfigurable targetry. The urban assault course will include realistic, reconfigureable human targetry, both combatant and non-combatant, with data collection and transmission capabilities. Supporting facilities include electric service, targetry and data cabling, exterior security lighting, water, septic system with drain field, gravel roadways and parking, site preparation; fencing and communications. There are no additional anti-terrorism/force protection (AT/FP) protective measures required over and above those necessary for adequate physical security. Physical security measures consist of fencing the entire compound, security lighting in the parking area, security lighting at the after action review facility, and the

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY			Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)							
Covered Dining Structure	m2	(SF)	89.19	(	960)	531.18	(47)
Field Service Latrine (2)	m2	(SF)	32.05	(	345)	2,223	(71)
Equipment Target Storage Sheds	m2	(SF)	334.45	(	3,600)	707.51	(237)
Individual Team Trainer	m2	(SF)	94.76	(	1,020)	442.30	(42)
Squad Trainer	m2	(SF)	441.66	(	4,754)	352.30	(156)
Offense/Defense Bldg	m2	(SF)	541.81	(	5,832)	972.95	(527)
Grenadier Gunnery Trainer	EA		1	--		19,087	(19)
Underground Trainer	m	(LF)	114.30	(	375)	511.81	(59)
Breaching Facility	EA		1	--		58,950	(59)
						Total	1,217

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
use of solid core metal doors, dead bolt locks and minimal sized windows glazed with laminated glass. Heat and air conditioning (4 tons) will be provided from a split system heat pump. Supporting facilities cost is high due to site preparation costs, the need to develop minimum utilities to serve the site and provide an adequate access road. Access for persons with disabilities will be provided in all buildings with the exception of those with live-fire.

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

PROJECT: Construct a standard-design shoot house and urban assault course with breaching facility. (Current Mission)

REQUIREMENT: This project is required to develop expertise in urban warfare for members of the US Army, other active services, and national guard. The shoot house will provide a facility to train and evaluate fire teams, squads, and platoons during a live-fire exercise. Units will be trained and evaluated on their ability to move tactically and engage targets while practicing target discrimination in an urban environment. The urban assault course will be used for training squad size units in building entrance and room clearance, grenadier gunnery tasks and subterranean assault. The breaching facility will be used to train troops on the technical aspects of breaching techniques of doors, walls and windows using a variety of mechanical and explosive techniques. Overall training scenarios will be designed for soldiers to gain skills in various clearing tasks typical of modern warfare in urban environments. Furthermore, this project will provide a facility designed for training units in simulated urban warfare as part of the Army's Combined Arms MOUT Task Force training strategy. Digital, plug and play targetry will be employed in the shoot house to allow for accurate scoring. Telecommunications technologies will allow for data transmission to the after action review building located nearby. The data capture, storage, and editing capabilities

REQUIREMENT: (CONTINUED)
of the installed technology components will provide the trainers a better means of critiquing units during after action reviews. There is no requirement for ammunition storage at the site; ammunition will be provided to the site for distribution each time the facility is used.
CURRENT SITUATION: Currently, there are no facilities of this type in use at Fort AP Hill. The majority of units that train at the installation have requested these facilities and cite the lack of MOUT training assets as a key detriment to their training requirements. Unit AARs repeatedly indicate that Fort AP Hill is their unit training location of choice, but due to the lack of a shoot house, UAC and breach facilities, individual soldiers are unable to train on the key tasks for mission accomplishment in MOUT environment.
IMPACT IF NOT PROVIDED: If this project is not provided, Fort AP Hill will not be able to provide the training necessary for troops to achieve a level of readiness required for battle in modern urban warfare situations. Realistic simulation of situational awareness and target detection/engagement systems, event scenarios, and enhanced after action reviews are critical for insuring success in battle situations occurring in an urban environment.
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 has been determined to be 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. 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..... DEC 2002
(b) Percent Complete As Of January 2004..... 50.00
(c) Date 35% Designed..... MAY 2003
(d) Date Design Complete..... SEP 2004
(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:

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort A P Hill, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Shoot House	58719

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:
Fort A P Hill

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	220
(b) All Other Design Costs.....	205
(c) Total Design Cost.....	425
(d) Contract.....	275
(e) In-house.....	150
(4) Construction Contract Award.....	FEB 2005
(5) Construction Start.....	MAR 2005
(6) Construction Completion.....	JUN 2006

Installation Engineer: Dolat G. Desai
Phone Number: 804.633.8489

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Myer Virginia	US Army Military District of Washington (Installation Mgt Agency, Northeast Region)	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	97	1672	554	0	0	0	97	1215	811	4,446
B. END FY 2009	110	1712	509	0	0	0	97	1215	811	4,454

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	194 ha (480 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		782,161
C. AUTHORIZATION NOT YET IN INVENTORY.....		26,300
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		49,526
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		57,343
H. GRAND TOTAL.....		915,330

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
721	56486	Barracks Complex-Sheridan Ave	49,526	11/2002	09/2004
		TOTAL	49,526		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		140

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Fort Myer Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $139,925, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Myer Virginia	Barracks Complex-Sheridan Ave

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22896A	721	56486	Auth 49,526 Approp 49,526

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				36,158
Enlisted Unaccompanied Personne	m2 (SF)	15,100 (162,540)	1,533	(23,142)
Company Operation Facility	m2 (SF)	5,537 (59,603)	1,528	(8,459)
Antiterrorism/Force Protection	LS	--	--	(1,091)
Intrusion Alarm System	EA	1 --	50,000	(50)
Energy Management Control Syste	EA	3 --	15,000	(45)
Total from Continuation page				(3,371)
SUPPORTING FACILITIES				8,466
Electric Service	LS	--	--	(245)
Water, Sewer, Gas	LS	--	--	(295)
Steam And/Or Chilled Water Dist	LS	--	--	(3,807)
Paving, Walks, Curbs & Gutters	LS	--	--	(260)
Storm Drainage	LS	--	--	(283)
Site Imp(1,231) Demo(1,053)	LS	--	--	(2,284)
Information Systems	LS	--	--	(332)
Antiterrorism/Force Protection	LS	--	--	(960)
ESTIMATED CONTRACT COST				44,624
CONTINGENCY PERCENT (5.00%)				2,231
SUBTOTAL				46,855
SUPV, INSP & OVERHEAD (5.70%)				2,671
TOTAL REQUEST				49,526
TOTAL REQUEST (ROUNDED)				50,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct barracks, company operations, and utilities facilities. Special exterior architectural treatment to include brick facades and slate roofing is required for historic district architectural compatibility and to comply with National Capital Planning Commission guidelines. Install an intrusion detection system (IDS), and energy monitoring and control system (EMCS)connections. Supporting facilities include utilities; electric service; security lighting; fire protection and alarm system; steam lines; expansion of existing chiller plant; chilled water lines; storm drainage; partial roadway realignment; pedestrian walkway;, pocket parks; paving, walks, curbs and gutters; sports courts; information systems; and site improvements. Heat will be provided via connection to the existing central steam plant. Air conditioning (555 tons) will be provided by connection to the existing chiller plant. Anti-terrorism/force protection (AT/FP) will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (219,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Myer, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Sheridan Ave	56486

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Antiterrorism/Force Protection	LS	--	--	(1,700)
Utilities Building	m2 (SF)	1,672 (18,000)	538.20	(900)
Building Information Systems	LS	--	--	(771)
			Total	3,371

11. REQ: 1,344 PN ADQT: 504 PN SUBSTD: 849 PN

PROJECT: Construct barracks and company operations facilities. (Current Mission)

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum barracks utilization is 420 soldiers.

CURRENT SITUATION: The existing gang latrine barracks are old 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.

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. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $4M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Myer, VA. Upon completion of this project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 420 personnel at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Myer, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Sheridan Ave	56486

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	NOV 2002
(b)	Percent Complete As Of January 2004	50.00
(c)	Date 35% Designed	MAY 2003
(d)	Date Design Complete	SEP 2004
(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 George G Meade

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

		($000)
(a)	Production of Plans and Specifications	1,450
(b)	All Other Design Costs	1,000
(c)	Total Design Cost	2,450
(d)	Contract	350
(e)	In-house	2,100

(4)	Construction Contract Award	MAR 2005
(5)	Construction Start	MAR 2005
(6)	Construction Completion	MAR 2007

Installation Engineer: Sham Khandelwal
Phone Number: 703.696.8307

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Washington		Fort Lewis (FORSCOM/NWRO)				335
	44795	Barracks Complex-41st Div Dr/B St Ph 2	48,000	48,000	C	337
		Subtotal Fort Lewis PART I	$ 48,000	48,000		
		* TOTAL MCA FOR Washington	$ 48,000	48,000		
** TOTAL INSIDE THE UNITED STATES FOR MCA			$ 1,420,200	1,484,750		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Lewis Washington	US Army Forces Command (Installation Mgt Agency, Northwest Region)	1.06

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	3081	18358	2917	16	244	1	124	706	5351	30,798
B. END FY 2009	3130	18551	2952	25	257	0	124	706	5351	31,096

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	164,576 ha (406,675 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		5,785,726
C. AUTHORIZATION NOT YET IN INVENTORY.....		415,237
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		48,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		116,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		189,760
H. GRAND TOTAL.....		6,554,723

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	44795	Barracks Complex-41st Div Dr/B St Ph 2	48,000	02/2003	11/2004
		TOTAL	48,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
721	Barracks Complex-North Fort Ph 5	50,000
721	Whole Brks Renewal Jackson	50,000
721	Barracks Complex-ROTC Ph 1	16,000
	TOTAL	116,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 467

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Fort Lewis Washington

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $466,753, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Lewis Washington	Barracks Complex-41st Div Dr/B St Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22696A	721	44795	Auth 48,000 Approp 48,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				32,627
200-Man Barracks	m2 (SF)	6,206 (66,801)	1,730	(10,734)
Soldier Community Building	m2 (SF)	594 (6,394)	1,747	(1,038)
Company Operations Building	m2 (SF)	8,040 (86,542)	1,529	(12,291)
Battalion Headquarters Building	m2 (SF)	1,893 (20,376)	1,666	(3,155)
Brigade Headquarters Building	m2 (SF)	1,721 (18,525)	1,601	(2,756)
Total from Continuation page				(2,653)
SUPPORTING FACILITIES				10,214
Electric Service	LS	--	--	(818)
Water, Sewer, Gas	LS	--	--	(1,741)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,664)
Storm Drainage	LS	--	--	(661)
Site Imp(3,071) Demo(754)	LS	--	--	(3,825)
Information Systems	LS	--	--	(1,353)
Antiterrorism/Force Protection	LS	--	--	(152)
ESTIMATED CONTRACT COST				42,841
CONTINGENCY PERCENT (5.00%)				2,142
SUBTOTAL				44,983
SUPV, INSP & OVERHEAD (5.70%)				2,564
TOTAL REQUEST				47,547
TOTAL REQUEST (ROUNDED)				48,000
INSTALLED EQT-OTHER APPROP				(2,785)

10.Description of Proposed Construction

Construct a barracks complex with barracks, company operations facilities, battalion headquarters with classrooms, and brigade headquarters. Construct a ground storage tank for water to supply North Fort. Install an intrusion detection systems (IDS). Supporting facilities include utilities; electric service; security and street lighting; fire protection and alarm systems; paving, walks, curbs and gutters; storm and sanitary sewers with sewage lift station; water pump station; information systems; and site improvements. Heating will be provided by self-contained gas-fired systems with dual-fuel capability. Mechanical ventilation: 4,700,000 CFM. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures. Demolish existing buildings (106,000 SF) including asbestos removal and lead based paint abatement. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required.

11. REQ: 6,047 PN ADQT: 4,261 PN SUBSTD: 1,766 PN

PROJECT: Construct a barracks complex. (Current Mission)

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Lawn Mower Storage Building	m2 (SF)	360 (3,875)	933.97	(336)
Skylights to Barracks Complex	LS	--	--	(33)
Daylight Sensor Lighting Contro	LS	--	--	(17)
Rainwater Collection System	LS	--	--	(708)
Intrusion Detection System	LS	--	--	(152)
Antiterrorism/Force Protection	LS	--	--	(312)
Building Information Systems	LS	--	--	(1,095)
			Total	2,653

REQUIREMENT: This project is required to provide living and working conditions for soldiers that meet current standards. The maximum barracks utilization is 200 soldiers.
CURRENT SITUATION: The existing gang latrine barracks are 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. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project, the result of which is that of the two feasible options, renovation of existing facilities or construction of new facilities, new construction would be less expensive over the life of the project. 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. The facility will be available for use by other components. During the past two years, about $10M has been spent on sustainment, restoration, and modernization (SRM) of unaccompanied enlisted personnel housing at Fort Lewis, WA. Upon completion of this multi-phased project, and other projects approved or budgeted through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 1,586 personnel at this installation. A parametric cost estimate based upon project engineering design was used to develop this budget estimate.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Fort Lewis, Washington

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-41st Div Dr/B St Ph 2	44795

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	FEB 2003
(b)	Percent Complete As Of January 2004	25.00
(c)	Date 35% Designed	MAR 2004
(d)	Date Design Complete	NOV 2004
(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 Lewis

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

		($000)
(a)	Production of Plans and Specifications	2,000
(b)	All Other Design Costs	450
(c)	Total Design Cost	2,450
(d)	Contract	
(e)	In-house	2,450

(4)	Construction Contract Award	APR 2005
(5)	Construction Start	MAY 2005
(6)	Construction Completion	MAY 2007

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
IDS Equipment	OPA	2006	150
Info Sys - ISC	OPA	2006	1,030
Info Sys - PROP	OPA	2006	1,605
		TOTAL	2,785

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	
Fort Lewis, Washington	
4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-41st Div Dr/B St Ph 2	44795

Installation Engineer: Larry McVay
Phone Number: 253-966-1789

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Germany		Germany Various (USAREUR/EURO)				343
		Grafenwoehr East Camp Grafenwoehr				
	55976	Brigade Support Complex	14,700	14,700	C	345
	55977	Barracks Complex	28,500	28,500	C	349
	55979	Barracks Complex-Brigade	34,000	34,000	C	352
		Subtotal Germany Various PART I	$ 77,200	77,200		
		* TOTAL MCA FOR Germany	$ 77,200	77,200		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Germany Various Germany	US Army Europe and Seventh Army (Installation Mgt Agency, Europe Region)	1.22

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	45575	274075	121509	0	1449	46	16446	52461	122468	634,029
B. END FY 2009	15900	98154	39653	0	566	31	5333	17643	42130	219,410

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	64,908 ha (160,391 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		30,951,440
C. AUTHORIZATION NOT YET IN INVENTORY.....		900,162
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		77,200
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		144,969
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		8,418,040
H. GRAND TOTAL.....		40,491,811

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
721	55977	Barracks Complex	28,500	06/2003	09/2004
740	55976	Brigade Support Complex	14,700	04/2003	09/2004
721	55979	Barracks Complex-Brigade	34,000	06/2003	09/2004
		TOTAL	77,200		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
721	Barracks Complex-Infantry Battalion	45,000
214	Brigade Complex-Maintenance Operations	28,500
214	Brigade Complex-Maintenance Operations	25,000
178	Digital Multipurpose Range	41,369
178	Urban Assault Course	1,600
178	Shoot House	1,700
178	Shoot House	1,800
	TOTAL	144,969

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): N/A

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Germany Various Germany

10. MISSION OR MAJOR FUNCTIONS:
Support of US Army, Europe and Seventh Army.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
East Camp Grafenwoehr Germany (Grafenwoehr)	Brigade Support Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22396A	740	55976	Auth 14,700 Approp 14,700

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				9,450
Child Development Ctr - School-	m2 (SF)	2,678 (28,822)	1,825	(4,887)
Youth Center	m2 (SF)	2,130 (22,932)	1,630	(3,473)
Outdoor Play Area	m2 (SF)	2,815 (30,300)	171.25	(482)
Youth Baseball Field	LS	--	--	(120)
Antiterrorism Force Protection	LS	--	--	(345)
Building Information Systems	LS	--	--	(143)
SUPPORTING FACILITIES				3,696
Electric Service	LS	--	--	(168)
Water, Sewer, Gas	LS	--	--	(399)
Steam And/Or Chilled Water Dist	LS	--	--	(238)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,453)
Site Imp(1,311) Demo( )	LS	--	--	(1,311)
Information Systems	LS	--	--	(77)
Antiterrorism/Force Protection	LS	--	--	(50)
ESTIMATED CONTRACT COST				13,146
CONTINGENCY PERCENT (5.00%)				657
SUBTOTAL				13,803
SUPV, INSP & OVERHEAD (6.50%)				897
TOTAL REQUEST				14,700
TOTAL REQUEST (ROUNDED)				14,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a standard-design child development center (CDC) for school-age services and infant-to-school-age children and a standard-design Youth Services Center in support of the EUCOM Strategic Transformation Plan. The CDC will include a reception area; administrative space; isolation room; staff lounge; staff, access for people with disabilities, and public toilets; pediatric and standard toilets for the children; commercial grade kitchen; laundry room; mechanical and electrical space; fire alarm and smoke detection system; communications and intercom; indoor and outdoor storage; video monitoring and security cameras; infant space with separate crawl area; toddler rooms; preschool rooms; and school age rooms; air conditioning. Age-appropriate playgrounds with fencing include play equipment, rubber surfaces and sheds, evacuation paths to include three-meter hard surface apron around facility. The Youth Services Center will include large and small group activity areas, transitional and service area, multipurpose room, skill development area, kitchen, refreshment and/or vending area, lobby, lounges, administration area, outdoor playground area, storage, and restrooms. Mechanical ventilation is required. Heating will be provided by self-contained plants. Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer; storm sewer and surface drainage;

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
fire protection and alarm system; sprinklers and smoke detectors; automation and local area network systems; video monitoring and security systems; information systems; intercom systems; parking, access roads, and drop-off area; paving, walks, curbs and gutters; information systems; and site improvements. Demolish existing buildings (50,464 SF). Local area network equipment will be funded from other appropriations. Utilities and paving for these two buildings will connect to utilities and roads brought to the site by other project(s). Access for the handicapped will be provided.
Anti-terrorism/force protection (AT/FP) measures include laminated glazing, pressure rated exterior doors, and access restricting site and landscape features.

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11. REQ: 4,020 m2 ADQT: 1,726 m2 SUBSTD: NONE
PROJECT: Construct a standard-design child development center (303 child capacity) and a youth activities center. (Current Mission)
REQUIREMENT: This project is required to support the establishment of a consolidated Brigade Combat Team (BCT)facility at Grafenwoehr as part of the realignment of US Army forces in support of the EUCOM Strategic Transformation Plan. By placing a BCT on a single installation collocated with all necessary training facilities including live fire ranges, live fire maneuver training areas, and CPX simulation capability, USAREUR maximizes training time, enhances readiness, and reduces operational expenses. Additionally, this initiative enhances force protection by placing Soldiers and families on a contiguous installation, reduces risk of injury to Soldiers by eliminating the need to conduct lengthy road and rail convoys from home station to Grafenwoehr - USAREUR’s premier training complex. An added benefit will be the closure of small, inefficient, dispersed, costly installations and the consolidation of units, leaders, Soldiers and families at a location which is an integral part of the EUCOM Transformation Plan. 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 force lethality and command and control. Widely dispersed installations and facilities require more overhead than one single consolidated location. Units must pack supplies and equipment to transport combat vehicles at least twice per year 300 kilometers via rail to the Major Training Areas (MTA) 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. Existing buildings

CURRENT SITUATION: (CONTINUED)
are categorized as non-usable because they do not meet the requirements of modern equipment.
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, are extremely costly to renovate, and do not support the EUCOM Strategic Transformation Plan. This results in increased force protection, Personnel Tempo (PERSTEMPO) and Operations Tempo (OPTEMPO) costs. Training costs are also increased and readiness degraded due to the distance to the nearest MTAs. 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 WWII facilities. These facilities continue to be less capable of meeting current Army physical, electrical and data requirements. Finally, the current situation forces our troops to spend more time traveling to training sites and deployments, more time 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. All required anti-terrorism/force protection measures are included. This project is located on an enduring installation. Alternative methods of meeting this requirement were examined; this project is the only feasible option to meet the requirement. 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. 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. 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.
NATO SECURITY INVESTMENT: 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..... APR 2003
(b) Percent Complete As Of January 2004..... 50.00
(c) Date 35% Designed..... NOV 2003
(d) Date Design Complete..... SEP 2004

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4.PROJECT TITLE	5.PROJECT NUMBER
Brigade Support Complex	55976

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(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:
Warner Barracks GE92P

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

(a)	Production of Plans and Specifications.....	305
(b)	All Other Design Costs.....	461
(c)	Total Design Cost.....	766
(d)	Contract.....	384
(e)	In-house.....	382

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... JUL 2006

Installation Engineer: LTC Dwane E. Watsek
Phone Number: DSN (314)475-1360

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
East Camp Grafenwoehr Germany (Grafenwoehr)	Barracks Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22396A	721	55977	Auth 28,500 Approp 28,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				22,519
Barracks w/o Dining	m2 (SF)	10,800 (116,250)	1,944	(20,995)
Equipment Storage	m2 (SF)	120.03 (1,292)	1,076	(129)
Antiterrorism Force Protection	LS	--	--	(872)
Building Information Systems	LS	--	--	(523)
SUPPORTING FACILITIES				2,968
Water, Sewer, Gas	LS	--	--	(685)
Steam And/Or Chilled Water Dist	LS	--	--	(350)
Paving, Walks, Curbs & Gutters	LS	--	--	(660)
Site Imp(1,048) Demo( )	LS	--	--	(1,048)
Information Systems	LS	--	--	(34)
Antiterrorism/Force Protection	LS	--	--	(191)
ESTIMATED CONTRACT COST				25,487
CONTINGENCY PERCENT (5.00%)				1,274
SUBTOTAL				26,761
SUPV, INSP & OVERHEAD (6.50%)				1,739
TOTAL REQUEST				28,500
TOTAL REQUEST (ROUNDED)				29,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct two new barracks. Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer; storm drainage; fire protection and alarm system; utility management and control; paving, walks, curbs, and gutters; parking; bicycle racks; information systems; and site improvements. Heating will be provided by connection to district heating system to the Brigade Complex area by another project. Anti-terrorism/force protection will be provided by structural reinforcement, special windows and doors, and site measures.

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11. REQ: 2,401 PN ADQT: 636 PN SUBSTD: 1,765 PN

PROJECT: Construct two barracks. (Current Mission)

REQUIREMENT: This barracks complex is required to establish a consolidated Brigade Combat Team (BCT)facility at Grafenwoehr as part of the realignment of US Army forces in support of the EUCOM Strategic Transformation Plan. By placing a BCT on a single installation collocated with all necessary training facilities including live fire ranges, live fire maneuver training areas, and CPX simulation capability, USAREUR maximizes training time, enhances readiness, and reduces operational expenses. Additionally, this initiative enhances force protection by placing Soldiers and families on a contiguous

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	55977

REQUIREMENT: (CONTINUED)
installation, reduces risk of injury to Soldiers by eliminating the need to conduct lengthy road and rail convoys from home station to Grafenwoehr - USAREUR's premier training complex. An added benefit will be the closure of small, inefficient, dispersed, costly installations and the consolidation of units, leaders, Soldiers and families at a location which is an integral part of the EUCOM Transformation Plan. 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: There are insufficient, adequate barracks at Grafenwoehr to support the new BCT.
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, are extremely costly to renovate, and do not support the EUCOM Strategic Transformation Plan. This results in increased force protection, Personnel Tempo (PERSTEMPO) and Operations Tempo (OPTEMPO) costs. Training costs are also increased and readiness degraded due to the distance to the nearest MTA. 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 WWII facilities. These facilities continue to be less capable of meeting current Army physical, electrical and data requirements. Finally, the current situation forces our troops to spend more time traveling to training sites and deployments, more time 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. All required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement were examined; this project is the only feasible option to the meet the requirement. This project is located on an enduring installation and will still be required after any planned troop reductions. 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. During the past two years, about $0.5M was spent on sustainment, restoration and modernization (SRM) of unaccompanied enlisted personnel housing at East Camp Grafenwoehr. Upon completion of this project, and other projects approved through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 1,349 personnel at this installation. 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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex	55977

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	JUN 2003
(b)	Percent Complete As Of January 2004	50.00
(c)	Date 35% Designed	OCT 2003
(d)	Date Design Complete	SEP 2004
(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

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

(a)	Production of Plans and Specifications	765
(b)	All Other Design Costs	823
(c)	Total Design Cost	1,588
(d)	Contract	1,117
(e)	In-house	471

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... JUL 2006

Installation Engineer: LTC Dwane E. Watsek
Phone Number: DSN (314)475-1360

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
East Camp Grafenwoehr Germany (Grafenwoehr)	Barracks Complex-Brigade

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22396A	721	55979	Auth 34,000 Approp 34,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				28,048
Unaccomp Enl Pers Hsg w/o Dinin	m2 (SF)	10,800 (116,250)	2,340	(25,273)
Force Protection	LS	--	--	(2,022)
Equipment Storage	m2 (SF)	120 (1,292)	2,340	(281)
Building Information Systems	LS	--	--	(472)
SUPPORTING FACILITIES				2,357
Paving, Walks, Curbs & Gutters	LS	--	--	(454)
Information Systems	LS	--	--	(66)
Support Utility & Paving	LS	--	--	(1,837)
ESTIMATED CONTRACT COST				30,405
CONTINGENCY PERCENT (5.00%)				1,520
SUBTOTAL				31,925
SUPV, INSP & OVERHEAD (6.50%)				2,075
TOTAL REQUEST				34,000
TOTAL REQUEST (ROUNDED)				34,000
INSTALLED EQT-OTHER APPROP				(2,014)

10.Description of Proposed Construction

Construct two standard-design barracks (150 man each)in support of the European Command (EUCOM) Strategic Transformation Plan. Barracks modules consist of individual living/sleeping rooms with semi-private bath, walk-in closets, kitchenettes, television receivers and commercial telephone system. Project includes janitor closets, mechanical equipment rooms, dayrooms, classrooms, communication distribution closet, latrines, personal storage, laundries, mud room, showers, fire alarm and suppression systems (sprinklers), and force protection improvements. Connection for energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; exterior lighting; sanitary sewer; storm drainage; fire protection and alarm systems; paving, walks, curbs and gutters; parking; bicycle racks; information systems; and site improvements. Heating will be provided by connection to district heating system to be provided to the Brigade Complex area by another project. Anti-terrorism/force protection measures are included.

11. REQ: 2,427 PN ADQT: 270 PN SUBSTD: 356 PN

PROJECT: Construct two standard-design barracks. (Current Mission)

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Brigade	55979

REQUIREMENT: This barracks complex is required to establish a consolidated Brigade Combat Team (BCT)facility at Grafenwoehr as part of the realignment of US Army forces in support of the EUCOM Strategic Transformation Plan. By placing a BCT on a single installation collocated with all necessary training facilities including live fire ranges, live fire maneuver training areas, and CPX simulation capability, USAREUR maximizes training time, enhances readiness, and reduces operational expenses. Additionally, this initiative enhances force protection by placing Soldiers and families on a contiguous installation, reduces risk of injury to Soldiers by eliminating the need to conduct lengthy road and rail convoys from home station to Grafenwoehr - USAREUR's premier training complex. An added benefit will be the closure of small, inefficient, dispersed, costly installations and the consolidation of units, leaders, Soldiers and families at a location which is an integral part of the EUCOM Transformation Plan. 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 elements are scattered throughout numerous, widespread locations severely limiting single force lethality and command and control. Widely dispersed installations and facilities require more personnel management overhead than one single consolidated location. Units must pack supplies and equipment to transport combat vehicles at least twice per year 300 kilometers via rail to the Major Training Areas (MTA) 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 eighty years old. Existing buildings are often categorized as non-usable because they do not meet the requirements of modern equipment. Maintenace facilities cannot admit nor be be rebuilt to admit an Abrams tank, and also lack ventilation systems, proper heat and lighting; soldiers lift out drive trains on the apron using three cranes mounted on tow trucks.

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, are extremely costly to renovate, and do not support the EUCOM Strategic Transformation Plan. This results in increased force protection, Personnel Tempo (PERSTEMPO) and Operations Tempo (OPTEMPO) costs. Training costs are also increased and readiness degraded due to the distance to the nearest MTA. 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 WWII facilities. These facilities continue to be less capable of meeting current

IMPACT IF NOT PROVIDED: (CONTINUED)
Army physical, electrical and data requirements. Finally, the current situation forces our troops to spend more time traveling to training sites and deployments, more time 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. All required anti-terrorism/force protection (AT/FP) measures are included. Alternative methods of meeting this requirement were examined; this project is the only feasible option to the meet the requirement. This project is located on an enduring installation and will still be required after any planned troop reductions. 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. During the past two years, about $0.5M was spent on sustainment, restoration and modernization (SRM) of unaccompanied enlisted personnel housing at East Camp Grafenwoehr. Upon completion of this project, and other projects approved through FY 2005, the remaining unaccompanied enlisted permanent party deficit is 1,349 personnel at this installation. 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.
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..... JUN 2003
(b) Percent Complete As Of January 2004..... 50.00
(c) Date 35% Designed..... OCT 2003
(d) Date Design Complete..... SEP 2004
(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

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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4.PROJECT TITLE	5.PROJECT NUMBER
Barracks Complex-Brigade	55979

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	765
(b) All Other Design Costs.....	823
(c) Total Design Cost.....	1,588
(d) Contract.....	1,117
(e) In-house.....	471

(4) Construction Contract Award..... MAR 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... JUL 2006

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Barracks Furniture	OMA-H	2005	1,544
Info Sys - ISC	OPA	2006	470
		TOTAL	2,014

Installation Engineer: LTC Dwane E. Watsek
Phone Number: DSN (314) 475-1360

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Italy		Italy Various (USAREUR/EURO)				359
	Livorno	Livorno Supply & Maint Area				
	58497	Warehouse Operations Facility	26,000	26,000	C	361
		Subtotal Italy Various PART I	$ 26,000	26,000		
		* TOTAL MCA FOR Italy	$ 26,000	26,000		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Italy Various Italy	US Army Europe and Seventh Army (Installation Mgt Agency, Europe Region)	1.22

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1017	6990	4098	0	0	0	171	1586	3762	17,624
B. END FY 2009	658	4666	2812	0	0	0	118	1110	2508	11,872

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	1,294 ha (3,198 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		1,574,483
C. AUTHORIZATION NOT YET IN INVENTORY.....		88,409
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		26,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		8,890
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		126,985
H. GRAND TOTAL.....		1,824,767

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN START	STATUS COMPLETE
441	58497	Warehouse Operations Facility	26,000	11/2002	06/2005
		TOTAL	26,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
740	Physical Fitness Trng Ctr	5,500
216	Ammunition Storage Facility	3,390
	TOTAL	8,890

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 89

10. MISSION OR MAJOR FUNCTIONS:

USAREUR twin missions are deterring war and being able to win if attacked. Support of US Army, Europe.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE 02 FEB 2004

INSTALLATION AND LOCATION: Italy Various Italy

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $89,450, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Livorno Supply & Maint Area Italy (Livorno)	Warehouse Operations Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
46029A	441	58497	Auth 26,000 Approp 26,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				19,910
CH Warehouse 1a	m2 (SF)	5,000 (53,820)	430.60	(2,153)
CH Warehouse 1b	m2 (SF)	5,000 (53,820)	430.60	(2,153)
CH Warehouse 1c	m2 (SF)	5,000 (53,820)	430.60	(2,153)
CH Warehouse 1d	m2 (SF)	5,000 (53,820)	430.60	(2,153)
CH Warehouse 1e	m2 (SF)	5,000 (53,820)	430.60	(2,153)
Total from Continuation page				(9,145)
SUPPORTING FACILITIES				2,703
Electric Service	LS	--	--	(164)
Water, Sewer, Gas	LS	--	--	(171)
Steam And/Or Chilled Water Dist	LS	--	--	(20)
Paving, Walks, Curbs & Gutters	LS	--	--	(690)
Site Imp(1,203) Demo(140)	LS	--	--	(1,343)
Information Systems	LS	--	--	(300)
Antiterrorism/Force Protection	LS	--	--	(15)
ESTIMATED CONTRACT COST				22,613
CONTINGENCY PERCENT (5.00%)				1,131
SUBTOTAL				23,744
SUPV, INSP & OVERHEAD (6.50%)				1,543
DESIGN/BUILD - DESIGN COST				950
TOTAL REQUEST				26,237
TOTAL REQUEST (ROUNDED)				26,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Upgrade depot area to include construction of seven controlled humidity warehouses and renovation of ten existing controlled humidity warehouses. Supporting facilities include utilities; underground electrical service; underground communications service; storm drainage system, culverts, lift stations and discharge piping; fire protection and alarm system; street and parking lot lighting; concrete surfaced roads to provide access for heavy tracked vehicles; guard rails; drainage ditches; parking; paving, walks, curbs and gutters; information systems; amd site improvements. Heating and cooling will be provided by self-contained building systems. Anti-terrorism/force protection (AT/FP) measures include facility structure, window treatment (laminated glass windows with reinforced frames), metal exterior doors, entrance/exit protection, safe-haven areas, safe-haven communications, personnel alerting systems, emergency lighting and seismic protection. Site AT/FP measures include visual screening, offset parking, facility perimeter protection, fencing, gates and perimeter security lighting. Demolish three buildings (3,500 m2).

11. REQ: 71,738 m2 ADQT: 36,738 m2 SUBSTD: 3,500 m2

PROJECT: Provide deployment support facilities to store and maintain

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
CH Warehouse 1f	m2	(SF)	5,000	(53,820)	430.60	(2,153)
CH Warehouse 1g	m2	(SF)	5,000	(53,820)	430.60	(2,153)
Reno Bldg 5060, OFDA Storage	LS		--		--	(130)
Reno Bldg 5050, Cl VII Non-roll	LS		--		--	(130)
Reno Bldg 5080, Cl VII Non-roll	LS		--		--	(130)
Reno Bldg 5090, Cl VII Non-roll	LS		--		--	(130)
Reno Bldg 5100, Cl VII Non-roll	LS		--		--	(130)
Reno Bldg 5110, Cl VII Non-roll	LS		--		--	(130)
Reno Bldg 5040, Non-mech Storag	LS		--		--	(130)
Reno Bldg 5070, Non-mech Storag	LS		--		--	(130)
Reno Bldg 5120, Non-mech S	LS		--		--	(130)
Reno Bldg 5030, Shpng & Rcvng	LS		--		--	(130)
Building AT/FP Measures	m2	(SF)	1,100	(11,840)	126.29	(139)
Organizational Vehicle Parking,	m2	(SF)	17,850	(192,136)	100.00	(1,785)
Building Information Systems	LS		--		--	(1,615)
					Total	9,145

PROJECT: (CONTINUED)

pre-positioned US 1 X 1 brigade set vehicles, equipment, supplies and ammunition to be employed by US Forces in an ACE Rapid Reaction Corps (ARRC) deployment to the Southern Region. (Current Mission)

REQUIREMENT: This project is required to provide adequate rail, truck and staging areas to improve the operational efficiency of the Livorno Supply and Maintenance Depot. USAREUR is required 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. Capability to respond immediately to any aggression, or to seize the initiative to restore the Region's territorial integrity and to rapidly employ capable forces in crisis management for peacekeeping situations is critical. An additional mission need is 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 ARRC. Upon deployment, this brigade must be operational at about the same time as the

REQUIREMENT: (CONTINUED)
ARRC Headquarters.
CURRENT SITUATION: Existing rail, truck facilities and staging areas are inadequate, inefficient and cannot support a major deployment in the timeframe required. Existing warehouses, originally constructed in the 1950s, are deteriorated and have never had a major renovation. Existing controlled humidity warehouse space is not adequate to meet all controlled humidity storage requirements. Pre-positioned, expensive US 1 X 1 brigade set vehicles and equipment are being stored in the open and in inadequate, temporary facilities (tunnels). Vehicles and equipment are being maintained at less than full mission capability. Existing building and site information systems are inadequate or non-existent and do not meet current communication, command, and control requirements. Existing inhabited facilities and sites do not meet current USAREUR minimum seismic and physical force protection standards. Occupied facilities 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 the military mission focus on the capability to respond immediately to a crisis, as well as not be adequate to respond to aggression and to seize the initiative to restore the Region’s territorial integrity and not be adequate to support the rapid employment of capable forces as required in Guidelines for Operational Planning. Pre-positioned, expensive US 1 X 1 brigade set vehicles and equipment will continue to be maintained at less than full mission capability. Limited, strategic, maritime assets to cross the Atlantic or equipment that might be part of other US Army Europe force packages will continue to be used to replace deteriorating, non-maintained 1 X 1 brigade set vehicles and equipment at less than required effectiveness and timeliness. Southern Region rail, truck and seaport operations will continue to be negatively impacted by the lack of adequate warehouses, staging areas, vehicle maintenance and preservation, armament maintenance and storage facilities, administrative and technical support facilities and ammunition maintenance and storage 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.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. 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. 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.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Livorno Supply & Maint Area, Italy (Livorno)

4.PROJECT TITLE	5.PROJECT NUMBER
Warehouse Operations Facility	58497

ADDITIONAL: (CONTINUED)
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.
NATO SECURITY INVESTMENT: This project is partially eligible for funding within an established NATO infrastructure category for common funding, identified as CP3A-0019. This project has the potential for partial recoupment of costs from NATO.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	NOV 2002
(b) Percent Complete As Of January 2004	25.00
(c) Date 35% Designed	JAN 2004
(d) Date Design Complete	JUN 2005
(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) Total Design Cost (c) = (a)+(b) OR (d)+(e):

	($000)
(a) Production of Plans and Specifications	535
(b) All Other Design Costs	950
(c) Total Design Cost	1,485
(d) Contract	1,470
(e) In-house	15

(4) Construction Contract Award	JAN 2005
(5) Construction Start	MAR 2005
(6) Construction Completion	MAR 2007

Installation Engineer: Mr. Kambiz Razzaghi
Phone Number: DSN 634-7313

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
Korea		Korea Various (EUSA/KORO)				367
		Area III Camp Humphreys				
	56091	Sanitary Sewer System	12,000	12,000	C	369
		Subtotal Korea Various PART I	$ 12,000	12,000		
		* TOTAL MCA FOR Korea	$ 12,000	12,000		
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			$ 115,200	115,200		

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Korea Various Korea	Eighth United States Army (Installation Mgt Agency, Korea Region)	1.07

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	12542	80279	35740	0	609	0	1751	20172	38651	189,744
B. END FY 2009	7709	49946	21767	0	255	0	1098	12217	23333	116,325

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	19,221 ha	(47,497 AC)
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		8,129,455
C. AUTHORIZATION NOT YET IN INVENTORY.....		723,207
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		12,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		250,856
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		14,354,370
H. GRAND TOTAL.....		23,469,888

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
832	56091	Sanitary Sewer System	12,000	11/2001	06/2004
		TOTAL	12,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
730	Fire Station-Cp Humphreys	8,400
214	Vehicle Maintenance Facility	18,000
721	Barracks Complex-New Land 05-2	30,000
721	Barracks Complex Renewal-Garrison Road	48,000
721	Barracks Complex Renewal	48,000
721	Barracks Complex	42,000
832	Water Systems Upgrade	13,600
721	Enlisted Unaccompanied Personnel	13,800
721	Whole Barracks Renewal	11,150
178	Urban Assault Course	1,406
721	Barracks Complex	16,500
	TOTAL	250,856
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		1,280

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		02 FEB 2004

INSTALLATION AND LOCATION: Korea Various Korea

10. MISSION OR MAJOR FUNCTIONS:

The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations. Attains and maintains a posture of combat readiness to deter successfully any attack upon the Republic of Korea (ROK). If deterrence fails, EUSA will conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK. Provides support to other commands, agencies, services, nonassigned US Army forces and ROK armed forces as directed by higher authority.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is $1,279,492, based on the Installation Status Report Information on conditions as of October 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Humphreys Korea (Area III)	Sanitary Sewer System

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
22496A	832	56091	Auth 12,000 Approp 12,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				9,865
Upgrade Sewer System	LS	--	--	(9,865)
SUPPORTING FACILITIES				888
Electric Service	LS	--	--	(83)
Water, Sewer, Gas	LS	--	--	(40)
Paving, Walks, Curbs & Gutters	LS	--	--	(267)
Storm Drainage	LS	--	--	(194)
Site Imp(219) Demo( )	LS	--	--	(219)
Other	LS	--	--	(85)
ESTIMATED CONTRACT COST				10,753
CONTINGENCY PERCENT (5.00%)				538
SUBTOTAL				11,291
SUPV, INSP & OVERHEAD (6.50%)				734
TOTAL REQUEST				12,025
TOTAL REQUEST (ROUNDED)				12,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct sanitary sewer lines with manholes and lift stations with standby generators. Upgrade existing lift stations and construct one new lift station. Supporting facilities include access road; parking; paving, walks, curbs, and gutters; and site improvements.

11. REQ: 42,202 m ADQT: NONE SUBSTD: 28,480 m

PROJECT: Upgrade sewer system. (Current Mission)

REQUIREMENT: This project is urgently required to eliminate a health, life and safety threat to soldiers and the local community. The aging and dilapidated system is overloaded and must be replaced with sewer collection lines and lift stations of increased capacity. This upgrade is urgently needed to meet the needs of existing facilities and planned future construction.

CURRENT SITUATION: The wastewater flow in the collection lines has exceeded design capacity. Hydraulic overloads have caused lift stations to overflow in violation of US and Republic of Korea (ROK) environmental standards. The system cannot accommodate demands which has sharply increased with the recent construction of new facilities. Although the sewage system will be connected to the city of Pyongtaek sewage treatment plant in the near future, Camp Humphreys must be able to collect and transport its sewage to the point of

CURRENT SITUATION: (CONTINUED)
connection without line breaks or spillage.
IMPACT IF NOT PROVIDED: If this project is not provided, Camp Humphreys will continue to discharge wastewater effluent and not be in accordance with US and ROK environmental standards. Lift stations will continue to overflow and demand will exceed sewer lines capacity causing ruptures. This environmental violation will have an adverse affect on the health of soldiers and on US relations with its host nation and the local community.
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. 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. This facility will be available for use by other components. This project is located on an installation that will be retained by the United States Forces Korea. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this project. 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 2004	60.00
(c)	Date 35% Designed	SEP 2003
(d)	Date Design Complete	JUN 2004
(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	375
(b)	All Other Design Costs	507
(c)	Total Design Cost	882
(d)	Contract	470
(e)	In-house	412

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

Camp Humphreys, Korea (Area III)

4.PROJECT TITLE	5.PROJECT NUMBER
Sanitary Sewer System	56091

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Contract Award..... FEB 2005

(5) Construction Start..... APR 2005

(6) Construction Completion..... APR 2007

Installation Engineer: Bartolome M. Mirabal
Phone Number: DSN (315) 753-6050

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DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
MILITARY CONSTRUCTION (PART I)
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	PAGE
Worldwide Various		Planning and Design (PLNGDES/OTHR)			
		Host Nation Support			
	51095	Host Nation Support	0	21,000	375
		Subtotal Planning and Design PART I	$ 0	21,000	
		Minor Construction (MINOR/OTHR)			
	39979	Minor Construction	0	20,000	377
		Subtotal Minor Construction PART I	$ 0	20,000	
		Planning and Design (PLNGDES/OTHR)			
	51093	Planning & Design	0	130,335	379
		Subtotal Planning and Design PART I	$ 0	130,335	
		* TOTAL MCA FOR Worldwide Various	$ 0	171,335	
** TOTAL WORLDWIDE FOR MCA			$ 0	171,335	
MILITARY CONSTRUCTION (PART I) TOTAL			$ 1,535,400	1,771,285	

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Host Nation Support Worldwide Various (Planning and Design)	Host Nation Support

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91211A	000	51095	Auth Approp 21,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				21,000
Planning & Design - Host Nation	LS	--	--	(21,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				21,000
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				21,000
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				21,000
TOTAL REQUEST (ROUNDED)				21,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction This item provides for criteria development, and design and construction surveillance for projects funded by foreign nations where US Forces are the sole or primary user.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT: Planning and design funds. (Current Mission)

REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services operation and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. The programs provide nearly all the new construction in Japan, and much of the new construction in Korea. Host Nation Support funds are also used to oversee projects in Europe and NATO funds recoupment. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. The three parts of the Host Nation Support effort are: Criteria Package Preparation defines the functional requirements and specifies the health, fire, operational, functional, and life

REQUIREMENT: (CONTINUED)

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.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Minor Construction Worldwide Various	Minor Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91211A	BBB	39979	Auth Approp 20,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				20,000
Minor Construction Facilities	LS	--	--	(20,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				20,000
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				20,000
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				20,000
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Unspecified minor construction projects which have a funded cost of $1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is $3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT: Minor military construction, worldwide.

REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.

CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission.

IMPACT IF NOT PROVIDED: If not provided, the Army will not be able to address urgent and unforeseen requirements that arise during the year.

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Planning and Design Worldwide Various	Planning & Design

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91211A	000	51093	Auth Approp 130,335

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY		
PRIMARY FACILITY				130,335
Planning & Design	LS	--	--	(130,335)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				130,335
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				130,335
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				130,335
TOTAL REQUEST (ROUNDED)				130,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT: Planning and design funds.

REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2005 program; for advancement to final design of projects in FY 2006 and for initiation of design of projects in FY 2007. The funds

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		02 FEB 2004

3.INSTALLATION AND LOCATION

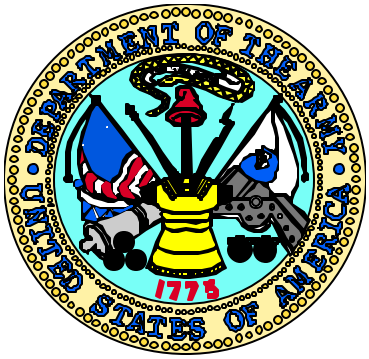
Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Planning & Design	51093

REQUIREMENT: (CONTINUED)

request for the 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 (DA) Facility Standardization Program.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED



Army Family Housing

FY 2005 Budget Estimate

Justification Data Submitted to Congress

February 2004

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
SUMMARY

($ in Thousands)	
FY 2005 Authorization Request	$1,565,006
FY 2005 Appropriation Request	$1,565,006
FY 2004 Appropriation	$1,428,037

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget supports the operation, maintenance, leasing, privatization and construction of military family housing worldwide. This budget supports the Army Family Housing Master Plan. Using a combination of traditional military operations; maintenance, and construction; Basic Allowance for Housing (BAH); and Privatization, the FY 2005 Budget Request supports the Departments goal of funding the elimination of inadequate family housing units in 2007 for U.S. installations (including Alaska, Hawaii, and Puerto Rico) and 2008 overseas. The Army's 2005 budget request of $1,565,006,000 supports the Secretary of Defense commitment to improve military housing for our soldiers and their families. The Army continues to make progress in eliminating inadequate family housing and improving the well being of the Army's soldiers and their families. By the end of 2005 the Army will meet OSD's goal of zero out-of-pocket expenses for housing. Our housing privatization program has been so successful, we will continue to privatize family housing in 2005 through the Residential Communities Initiative Program (RCI), privatizing an additional six projects, with over 11,900 homes.

PROGRAM SUMMARY

Authorization is requested for the performance of certain operation, maintenance, leasing, privatization, and construction of Army Family Housing $1,565,006,000 summarized hereafter.

Appropriation of $1,565,006,000 is requested to fund:

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

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
SUMMARY (Continued)

REQUEST

A summary of the Fiscal Year 2005 AFH funding program follows:

	($ in Thousands)	($ in Thousands)
CONSTRUCTION REQUEST		$636,099
New Construction	394,900	
Post Acquisition Construction	211,990	
Advance Planning & Design	29,209	
OPERATION AND MAINTENANCE REQUEST		$928,907
Operation	149,813	
Utilities	132,356	
Maintenance of Real Property	402,060	
Leasing - World-wide	218,033	
Privatization	26,644	
Mortgage Insurance Premiums	1	
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		$1,565,006
REIMBURSABLE PROGRAM		$22,000
TOTAL FAMILY HOUSING PROGRAM		$1,587,006

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Alaska		Fort Richardson (USARPAC/PARO)		
	59109	Family Housing Replacement Construction	42,000	42,000
		SUBTOTAL Fort Richardson PART IIA	$ 42,000	42,000
		Fort Wainwright (USARPAC/PARO)		
	59028	Family Housing New Construction	41,000	41,000
	60198	Family Housing Replacement Construction	37,000	37,000
	60210	Family Housing Replacement Construction	46,000	46,000
		SUBTOTAL Fort Wainwright PART IIA	$ 124,000	124,000
		* TOTAL AFH FOR Alaska	$ 166,000	166,000
Arizona		Fort Huachuca (TRADOC/SWRO)		
	57069	Family Housing Replacement Construction	41,000	41,000
		SUBTOTAL Fort Huachuca PART IIA	$ 41,000	41,000
		Yuma Proving Ground (ATEC/SWRO)		
	57041	Family Housing Replacement Construction	14,900	14,900
		SUBTOTAL Yuma Proving Ground PART IIA	$ 14,900	14,900
		* TOTAL AFH FOR Arizona	$ 55,900	55,900
Kansas		Fort Riley (FORSCOM/NWRO)		
	60531	Family Housing Replacement Construction	33,000	33,000
		SUBTOTAL Fort Riley PART IIA	$ 33,000	33,000
		* TOTAL AFH FOR Kansas	$ 33,000	33,000
New Mexico		White Sands Missile Range (ATEC/SWRO)		
	57070	Family Housing Replacement Construction	31,000	31,000
		SUBTOTAL White Sands Missile Range PA	$ 31,000	31,000
		* TOTAL AFH FOR New Mexico	$ 31,000	31,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
ARMY FAMILY HOUSING
NEW CONSTRUCTION (PART IIA)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Oklahoma		Fort Sill (TRADOC/SWRO)		
	60211	Family Housing Replacement Construction	47,000	47,000
		SUBTOTAL Fort Sill PART IIA	$ 47,000	47,000
		* TOTAL AFH FOR Oklahoma	$ 47,000	47,000
Virginia		Fort Lee (TRADOC/NERO)		
	60533	Family Housing Replacement Construction	46,000	46,000
		SUBTOTAL Fort Lee PART IIA	$ 46,000	46,000
		Fort Monroe (TRADOC/NERO)		
	60772	Family Housing Replacement Construction	16,000	16,000
		SUBTOTAL Fort Monroe PART IIA	$ 16,000	16,000
		* TOTAL AFH FOR Virginia	$ 62,000	62,000
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$ 394,900	394,900
		MILITARY CONSTRUCTION (PART IIA) TOTAL	$ 394,900	394,900

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Alabama		Redstone Arsenal (AMC/SERO)		
	57810	Family Housing Privatization	590	590
		SUBTOTAL Redstone Arsenal PART IIB	$ 590	590
		Fort Rucker (TRADOC/SERO)		
	57815	Family Housing Privatization	24,000	24,000
		SUBTOTAL Fort Rucker PART IIB	$ 24,000	24,000
		* TOTAL AFH FOR Alabama	$ 24,590	24,590
Georgia		Fort Benning (TRADOC/SERO)		
	57812	Family Housing Privatization	57,000	57,000
		SUBTOTAL Fort Benning PART IIB	$ 57,000	57,000
		Fort Gordon (TRADOC/SERO)		
	57814	Family Housing Privatization	9,000	9,000
		SUBTOTAL Fort Gordon PART IIB	$ 9,000	9,000
		* TOTAL AFH FOR Georgia	$ 66,000	66,000
Kansas		Fort Leavenworth (TRADOC/NWRO)		
	58557	Family Housing Privatization	15,000	15,000
		SUBTOTAL Fort Leavenworth PART IIB	$ 15,000	15,000
		Fort Riley (FORSCOM/NWRO)		
	60223	Family Housing Improvements	30,000	30,000
		SUBTOTAL Fort Riley PART IIB	$ 30,000	30,000
		* TOTAL AFH FOR Kansas	$ 45,000	45,000

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Kentucky		Fort Knox (TRADOC/SERO)		
	58556	Family Housing Privatization	31,000	31,000
		SUBTOTAL Fort Knox PART IIB	$ 31,000	31,000
		* TOTAL AFH FOR Kentucky	$ 31,000	31,000
New York		United States Military Academy (USMA/NERO)		
	47414	Family Housing Improvements	10,600	10,600
		SUBTOTAL United States Military Academy PART IIB	$ 10,600	10,600
		* TOTAL AFH FOR New York	$ 10,600	10,600
South Carolina		Fort Jackson (TRADOC/SERO)		
	60215	Family Housing Improvements	20,000	20,000
		SUBTOTAL Fort Jackson PART IIB	$ 20,000	20,000
		* TOTAL AFH FOR South Carolina	$ 20,000	20,000
		** TOTAL INSIDE THE UNITED STATES FOR AFH	$ 197,190	197,190

DEPARTMENT OF THE ARMY
FISCAL YEAR 2005
ARMY FAMILY HOUSING
POST ACQUISITION (PART IIB)
(DOLLARS ARE IN THOUSANDS)
OUTSIDE THE UNITED STATES

STATE	PROJECT NUMBER	INSTALLATION (COMMAND/REGION) / PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
Germany		Germany Various (USAREUR/EURO)		
		Grafenwoehr East Camp Grafenwoehr		
	59138	Family Housing Improvements	5,300	5,300
		Stuttgart Patch Barracks		
	60782	Family Housing Improvements	9,500	9,500
		SUBTOTAL Germany Various PART IIB	$ 14,800	14,800
		* TOTAL AFH FOR Germany	$ 14,800	14,800
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	$ 14,800	14,800
		MILITARY CONSTRUCTION (PART IIB) TOTAL	$ 211,990	211,990

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ARMY FAMILY HOUSING
FY 2005 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 2005 budget will fund the elimination of 12,076 inadequate family housing units. Of these, 2,006 inadequate units are replaced, improved, or revitalized through traditional construction and improvement projects. Six family housing privatization projects are funded in FY 2005, which address 9,636 inadequate units. Another 434 inadequate units are reduced from the inventory during FY 2005 by being demolished or combined with other inadequate units to reduce the number of inadequate units.

Inadequate Family Housing Inventory

Beginning FY 2004 Government Owned Inventory: 89,333 units (of which 29,564 units are being privatized, leaving a balance of 59,769 units to be addressed as shown below).
Total Inadequate Units: 39,283
Percent Inadequate: (excluding privatized units): 65.72%

Funded Annual Drawdown of Inadequate Units

INADEQUATE INVENTORY TRANSITION BY US & FOREIGN AREAS

END OF YEAR

REGION	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
FGN	16,151	15,868	15,450	10,696	5,006	-	-	-
US	23,132	18,729	7,071	5,216	-	-	-	-
Total	39,283	34,597	22,521	15,912	5,006	-	-	-

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

Inadequate Family Housing Units Eliminated in FY 2002

	Total Inadequate Inventory	Total Inadequate Addressed
Units at beginning of FY 2002	65,380	14,082
FY 2002 traditional construction, improvement and O&M projects to eliminate inadequate units		
* C/Improve/Aberdeen Proving Grounds	15	10
* C/Improve/Ansbach	773	128
* C/Improve/Baumholder	1,490	188
* C/Improve/Darmstadt	1,565	180
* C/Improve/Fort Rucker	1,064	28
* C/Improve/Stuttgart	1,327	75
* C/Improve/Vicenza	315	156
* C/Improve/West Point Military Academy	318	51
* C/Improve/Wiesbaden	2,218	432
* C/Improve/Yongsan	262	17
* C/Replace/Fort Bliss	2,089	76
* C/Replace/Fort Huachuca	1,543	72
* C/Replace/Fort Leavenworth	2,743	84
* C/Replace/Fort Sam Houston	394	70
* C/Replace/Fort Wainwright	998	32
* O/Revite/Bamberg	693	54
* O/Revite/Baumholder	1,302	132
* O/Revite/Darmstadt	1,385	234
* O/Revite/Graffenwohr	156	48
* O/Revite/Heidelberg	1,632	19
* O/Revite/Mannheim	1,873	318
* O/Revite/Schweinfurt	789	36
* O/Revite/Stuttgart	1,252	27
* O/Revite/Vilseck	272	18
* O/Revite/Wiesbaden	1,786	72
* O/Revite/Wuerzberg	12,676	96
FY 2002 funded privatization projects to eliminate inadequate housing		
* RCI/Fort Bragg	3,250	3,250
* RCI/Fort Campbell	2,177	2,177
* RCI/Fort Detrick	140	140
* RCI/Fort Hamilton	213	213
* RCI/Fort Irwin/Moffet/Parks	846	846
* RCI/Picatinny Arsenal	73	73
* RCI/POM	1,425	1,425
* RCI/Fort Stewart/Hunter	1,994	1,994
* RCI/Walter Reed Army Medical Center	10	10
Units demolished/otherwise permanently removed from family housing inventory		
* Demolition/Fort Benning	3,854	3
* Demolition/Fort Huachuca	1,471	166
* Demolition/Fort Knox	2,743	176
* Demolition/Hawthorne	0	50
* Demolition/Fort Redstone	197	114
* Demolition/Fort Monmouth	322	224
* Demolition/Schofield Barracks	2,628	186
* Demolition/Fort Wainwright	966	40
* Demolition/Fort Sam Houston	324	14
* Demolition/White Sands Missile Range	289	74
* Demolition/Fort Dix	0	164
* Demolition/Fort Polk	3,081	17
* Demolition/Fort Wainwright (Part of Replacement Project)	926	16
* Demolition/Fort Huachucan (Part of Replacement Project)	1,471	8
* Demolition/Fort Bliss (Part of Replacement Project)	2,013	34
* Demolition/Stuttgart (Combined in Improvement Project)	1,214	15
Projects added by Congress in previous FY	None	
Units at end of FY 2002	51,298	14,082

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

Inadequate Family Housing Units Eliminated in FY 2003

	Total Inadequate Inventory	Total Inadequate Addressed
Units at beginning of FY 2003	51,298	12,015
FY 2003 traditional construction, improvement and O&M projects to eliminate inadequate units		
* C/Improve/Carlisle Barracks	277	36
* C/Improve/Stuttgart	1,225	72
* C/Improve/West Point Military Academy	267	54
* C/Replace/Fort Wainwright	3,007	38
* C/Replace/Yuma Proving Ground	419	33
* O/Revite/Chievres	1,899	3
* O/Revite/Garmisch	764	24
* O/Revite/Heidelberg	1,613	80
* O/Revite/Hohenfels	48	27
* O/Revite/Wiesbaden	1,714	266
FY 2003 funded privatization projects to eliminate inadequate housing		
* RCI/Fort Belvoir	1,451	1,451
* RCI/Fort Eustis/Story	1,104	1,104
* RCI/Fort Leonard Wood	2,123	2,123
* RCI/Fort Polk	3,121	3,121
* RCI/Fort Shafter/Schofield	3,126	3,126
Units demolished/otherwise permanently removed from family housing inventory		
* Demolition/Fort Monmouth	98	198
* Demolition/Selfridge ANGB	77	29
* Demolition/Fort Benning	3,851	12
* Demolition/Fort Knox	2,567	92
* Demolition/Fort Buchanan	215	78
* Demolition/Fort Richardson	945	8
* Demolition/Yuma Proving Ground (Part of Replace Project)	386	4
* Demolition/Stuttgart (Combined in Improvement Project)	1,199	36
Projects added by Congress in previous FY	None	
Units at end of FY 2003	39,283	12,015

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

Inadequate Family Housing Units Eliminated in FY 2004

	Total Inadequate Inventory	Total Inadequate Addressed
Units at beginning of FY 2004	39,283	4,686
FY 2004 traditional construction, improvement and O&M projects to eliminate inadequate units		
* C/Improve/Dugway Proving Grounds	260	191
* C/Improve/West Point Military Academy	196	56
* C/Replace/Fort Huachuca	1,434	220
* C/Replace/Fort Knox	3,007	178
* C/Replace/White Sands Missile Range	419	58
* C/Replace/Fort Riley	1,899	62
* C/Replace/Fort Sill	764	120
* C/Replace/Fort Lee	949	90
* C/Replace/Fort Wainwright	761	40
FY 2004 funded privatization projects to eliminate inadequate housing		
* RCI/Fort Sam Houston	315	315
* RCI/Fort Bliss	2,045	2,045
* RCI/Fort Drum	2	2
* RCI/Carlise Barracks/Fort Monmouth	919	765
Units demolished/otherwise permanently removed from family housing inventory		
* Demolition/Garmisch	108	7
* Demolition/Giessen	1,574	72
* Demolition/Hohenfels	48	48
* Demolition/Heidelberg 411th BSB	1,292	47
* Demolition/Schweinfurt 280th BSB	796	10
* Demolition/Wuerzburg 417th BSB	970	26
* Demolition/Fort Monmouth	154	154
* Demolition/Letterkenny [1]	4	3
* Demolition/Camp Walker	72	31
* Demolition/Fort Knox	2,829	50
* Demolition/Camp Zama	735	42
* Demolition/Indiana Army Ammunition Plant	25	25
* Demolition/Selfridge	123	19
* Demolition/Fort Huachucan (Part of Replacement Project)	1,214	10
Projects added by Congress in previous FY	None	
Units at end of FY 2004	34,597	4,686

Notes

1. Dwelling unit revitalized using Minor M&R funds

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

Inadequate Family Housing Units Eliminated in FY 2005 *

	Total Inadequate Inventory	Total Inadequate Addressed
Units at beginning of FY 2005	34,597	12,076
FY 2005 traditional construction, improvement and O&M projects to eliminate inadequate units		
* C/Improve/Fort Jackson	956	298
* C/Improve/Fort Riley	1,837	434
* C/Improve/Grafenwoehr 409th BSB	59	48
* C/Improve/Stuttgart 6th ASG	1,042	47
* C/Improve/West Point Military Academy	140	48
* C/Replace/Fort Huachuca	1,204	205
* C/Replace/Fort Lee	859	218
* C/Replace/Fort Richardson	940	92
* C/Replace/Fort Riley	1,403	126
* C/Replace/Fort Sill	644	247
* C/Replace/Fort Wainwright	721	32
* C/Replace/White Sands Missile Range	361	156
* C/Replace/Yuma Proving Grounds	266	55
FY 2005 privatization projects to eliminate inadequate housing		
* RCI/ Fort Benning	3,800	3,800
* RCI/ Fort Gordon	592	592
* RCI/ Fort Knox	2,779	2,779
* RCI/ Fort Leavenworth	1,227	1,227
* RCI/ Fort Rucker	1,036	1,036
* RCI/ Redstone Arsenal	202	202
Units demolished/otherwise permanently removed from family housing inventory		
* Demolition/Ansbach 235th BSB	822	20
* Demolition/Baumholder 222rd BSB	1,416	57
* Demolition/Darmstadt 233rd BSB	1,198	29
* Demolition/Garmisch	101	3
* Demolition/Mannheim 293rd BSB	1,575	47
* Demolition/Schweinfurt 280th BSB	786	32
* Demolition/Stuttgart 6th ASG	995	37
* Demolition/Vilseck 409th BSB	177	9
* Demolition/Wiesbaden 221st BSB	1,258	38
* Demolition/Wuerzburg 417th BSB	944	32
* Demolition/Selfridge Air National Guard Base	104	1
* Demolition/Fort Huachuca (Part of Replacement Project)	999	11
* Demolition/Yuma Proving Grounds (Part of Replacement Project)	211	19
* Demolition/Fort Lee (Part of Replacement Project)	641	80
* Demolition/Camp Zama	693	19
Projects added by Congress in previous FY		
* Project 1/ Installation		
* Project 2/ Installation		
Units at end of FY 2005	22,521	12,076

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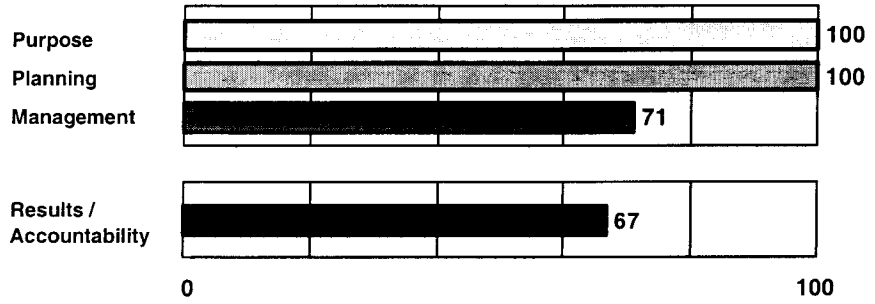
ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

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
	2003	125,366	
	2004	98,953	
Annual Measure: Number of housing units privatized	2002	13,905	10,284
	2003	34,649	
	2004	41,258	
Annual Measure: Percent of service members out-of-pocket housing expenses as a fraction of the national median housing costs	2002	11.3%	11.3%
	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)

* This assessments has not changed since publication in the FY 2004 Budget. For updated program funding levels, see Data File - Funding, Scores, and Ratings.

ARMY FAMILY HOUSING
FY 2005 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 Richardson	92 units	42,000,000
Alaska	Fort Wainwright	86 units	46,000,000
Alaska	Fort Wainwright	60 units	37,000,000
Alaska	Fort Wainwright	100 units	41,000,000
Arizona	Fort Huachuca	205 units	41,000,000
Arizona	Yuma Proving Ground	55 units	14,900,000
Kansas	Fort Riley	126 units	33,000,000
New Mexico	White Sands Missile Range	156 units	31,000,000
Oklahoma	Fort Sill	247 units	47,000,000
Virginia	Fort Lee	218 units	46,000,000
Virginia	Fort Monroe	68 units	16,000,000
	Total	1,413	394,900,000

(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 [$32,488,000] $29,209,000.

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2825 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 [$130,430,000] $211,990,000.

ARMY FAMILY HOUSING
FY 2005 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, [$383,591,000] $636,099,000.

(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 II of title 10, United States Code [$1,033,026,000] $928,907,000.

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, [383,591,000] $636,099,000 to remain available until [September 30, 2008] September 30, 2009.

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, [$1,033,026,000] $928,907,000.

ARMY FAMILY HOUSING
FY 2005 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).

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
NEW CONSTRUCTION

	($ in Thousands)
FY 2005 Authorization Request	$394,900
FY 2005 Appropriation Request	$394,900
FY 2004 Appropriation	$220,673

PURPOSE AND SCOPE

This program provides for construction where analysis indicates it will be more economical to build new units rather than revitalize existing 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 2005 for:

1. Construction of 1,413 family housing units, including 100 units where none currently exist and 1,347 units which are not economical to revitalize and will be demolished.

2. Appropriation in the amount of $394,900,000 to fund construction of 1,413 family housing units and demolition of 1,347 existing family housing units.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
NEW CONSTRUCTION (Continued)

A summary of the requested new construction funding program for FY 2005 follows:

Location	Mission	Number of Units		Amount
		Constr.	Demolished	($000)
Fort Richardson, AK	Current	92	92	42,000
Fort Wainwright, AK	Current	86	0	46,000
Fort Wainwright, AK	Current	60	32	37,000
Fort Wainwright, AK	New	100	0	41,000
Fort Huachuca, AZ	Current	205	216	41,000
Yuma Proving Ground, AZ	Current	55	74	14,900
Fort Riley, KS	Current	126	126	33,000
White Sands M. Range, NM	Current	156	156	31,000
Fort Sill, OK	Current	247	247	47,000
Fort Lee, VA	Current	218	298	46,000
Fort Monroe, VA	Current	68	106	16,000
TOTAL		1,413	1,347	394,900

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Richardson Alaska	US Army Pacific (Installation Mgt Agency, Pacific Region)	1.68

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	218	2352	758	0	37	0	24	57	1073	4,519
B. END FY 2009	236	2567	708	0	36	0	20	57	1039	4,663

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	29,572 ha (73,073 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		5,003,927
C. AUTHORIZATION NOT YET IN INVENTORY.....		17,060
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		42,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		26,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		147,705
H. GRAND TOTAL.....		5,236,692

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	59109	Family Housing Replacement Con	42,000		TURNKEY
		TOTAL	42,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
711	Family Housing Replacement Construction	26,000
	TOTAL	26,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 87,519

10. MISSION OR MAJOR FUNCTIONS:

Provide quality installation support and services to our customers. Plan and execute mobilization and deployment support operations. Plan and execute transformation of the installation in support of Stryker Brigade Combat Team 3. Maintain and improve infrastructure and training areas; proper stewardship of all resources; sustain strong community relations; and provide for Well-Being of the Army family into the 21st Century.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: Fort Richardson Alaska

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $87,519,000 based on the Installation Status Report (ISR) information on conditions as of August 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Richardson Alaska	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	59109	Auth 42,000 Approp 42,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				27,495
Construct 3-BR FGO Units	FA	9 --	276,853	(2,492)
Construct 4-BR FGO Units	FA	4 --	320,184	(1,281)
Construct 3-BR CGO Units	FA	22 --	256,542	(5,644)
Construct 4-BR CGO Units	FA	2 --	299,873	(600)
Construct 5-BR CGO Unit	FA	1 --	351,328	(351)
Total from Continuation page				(17,127)
SUPPORTING FACILITIES				9,607
Electric Service	LS	--	--	(1,270)
Water, Sewer, Gas	LS	--	--	(1,681)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,342)
Storm Drainage	LS	--	--	(920)
Site Imp(2,628) Demo(1,104)	LS	--	--	(3,732)
Information Systems	LS	--	--	(662)
ESTIMATED CONTRACT COST				37,102
CONTINGENCY PERCENT (5.00%)				1,855
SUBTOTAL				38,957
SUPV, INSP & OVERHEAD (6.50%)				2,532
DESIGN/BUILD - DESIGN COST				974
TOTAL REQUEST				42,463
TOTAL REQUEST (ROUNDED)				42,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by constuction of 92 enlisted and officer family quarters consisting of 54 senior noncommissioned officer (SNCO) units (9 three-bedroom, 23 four-bedrooms, and 22 five-bedroom), 25 company grade officer (CGO) units (22 three-bedroom, 2 four-bedroom, and 1 five-bedroom), plus 13 field grade officer (FGO) units (9 three-bedroom and 4 four-bedroom) built to current standards including neighborhood amenities and supporting infrastructure to replace 92 existing inadequate units in the Cottonwood area. Construction consists of variously configured single family and duplex, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses on a new site to be developed and known as Kodiak Flats. The design will incorporate the architectual elements and themes adopted by the Fort Richardson Housing Community Plan. Project will provide attached garages, individual heating controls, hard-wired interconnected smoke detectors, exterior storage, artic space, and all equipment and appliances for functional living units. Supporting facility construction includes electrical and communication distribution systems, water, sewer and roadways with appropriate curb and gutter and stormwater management devices. Recreation facilites and sidewalks will also be constuctuted with residential-type street lighting.

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Construct 3-BR SNCO Units	FA	9 --	256,542	(2,309)
Construct 4-BR SNCO Units	FA	23 --	299,873	(6,897)
Construct 5-BR SNCO Units	FA	22 --	351,328	(7,729)
Building Information Systems	LS	--	--	(192)
			Total	17,127

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
Five of these units will be handicapped accessible and easily modifiable to accommodate the requirements of the handicapped.

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. of Units	Total ($000)
SNCO	3	1,661	2,060	191	1.75	$775	9	$2,328
SNCO	4	1,935	2,400	223	1.75	$775	23	$6,945
SNCO	5	2,266	2,810	261	1.75	$775	22	$7,775
CGO	3	1,661	2,060	191	1.75	$775	22	$5,690
CGO	4	1,935	2,400	223	1.75	$775	2	$ 604
CGO	5	2,266	2,810	261	1.75	$775	1	$ 353
FGO	3	1,790	2,220	206	1.75	$775	9	$2,511
FGO	4	2,065	2,560	238	1.75	$775	4	$1,289
						TOTAL	92	$27,495

PROJECT: Construct 92 senior enlisted, company and field grade officer family quarters including neighborhood amenities and supporting infrastructure to replace 92 existing inadequate units which will be demolished. (Current Mission)
REQUIREMENT: This project is required to improve existing family housing living conditions for both enlisted and officer families by providing quarters that meet current private sector standards of quality of life, energy conservation, size, habitability and safety.
CURRENT SITUATION: Fort Richardson faces an acute housing quality predicament. The existing 8-plex housing inventory was constructed in the late 1940's and early 1950's. The housing units are significantly undersized, with NCO families living in 3-bedroom units of about 1,000 NSF and 2-bedroom units of about 850 NSF. These 50 year-old units have had no major improvements since original construction. Kitchens and bathrooms are poorly arranged, worn out, and need replacement. The units do not provide the additional indoor activity

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Richardson, Alaska	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	59109

CURRENT SITUATION: (CONTINUED)
room authorized for this artic climate. The units have only one bathroom, located on the second floor, and have no garages as authroized under curren standards. The existing structures feature insufficient insulation, resulting in uneven heating and contributing to the excessively high energy costs experienced at the installation. Partition walls between the units are not 2-hour fire rated and have no sound proofing, createing a "boarding house" atmosphere. Interior electrical systems are not consistent with current code requirements or needs of modern family living. Underground utilities are deteriorating generating maintenance and reliability conserns. Overhead power and telephone lines are deteriorated, unsightly, and subject to ice damage. Neighborhood recreation facilities are inadequate. The density of the housing units and the layout of central parking courts has resulted in crowded conditions with inadequate parking and none for visitors.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to reside in inadequate housing on-post or in the private sector, adversely affecting the health, safety and quality of life of these families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be the only feasible alternatives. 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.

Installation Engineer: Ted Timmons, P.E.
Phone Number: 907-384-3007

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005		REPORT CONTROL SYMBOL: P&L (AR) 1716
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Fort Richardson A02781				b. LOCATION: Fort Richardson AK 99505			
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	184	1,748	452	2,384	201	1,984	513	2,698
7. PERMANENT PARTY PERSONNEL	176	1,564	404	2,144	186	1,624	420	2,230
8. GROSS FAMILY HOUSING REQUIREMENTS	153	1,336	190	1,679	162	1,388	197	1,747
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	53	0	53				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		53		53				
10. VOLUNTARY SEPARATIONS	14	49	7	70	15	51	7	73
11. EFFECTIVE HOUSING REQUIREMENTS	139	1,287	183	1,609	147	1,337	190	1,674
12. HOUSING ASSETS (a + b)	188	1,290	187	1,665	234	1,305	188	1,727
a. UNDER MILITARY CONTROL	122	924	170	1,216	122	924	170	1,216
(1) Housed in Existing DOD Owned/Controlled	73	868	166	1,107	122	924	170	1,216
(2) Under Contract / Approved								0
(3) Vacant	49	56	4	109				
(4) Inactive				0				
b. PRIVATE HOUSING	66	366	17	449	112	381	18	511
(1) Acceptably Housed	66	366	17	449				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(49)	(3)	(4)	(56)	(87)	32	2	(53)
14. PROPOSED PROJECT					38	54		92

15. REMARKS (Specify item number)

Line 14: This project demolished 92 uneconomical to repair units and constructs 54 Senior NCO units, 25 Company Grade units, and 13 Field Grade Officer units.

Field Grade Officer	4	4 Bedroom Units	Senior NCO	22	5 Bedroom Units
	9	3 Bedroom Units		23	4 Bedroom Units
Company Grade Officer	1	5 Bedroom Unit		9	3 Bedroom Units
	2	4 Bedroom Units			
	22	3 Bedroom Units			

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Wainwright Alaska	US Army Pacific (Installation Mgt Agency, Pacific Region)	2.03

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	505	3750	653	0	0	0	8	42	1073	6,031
B. END FY 2009	583	4319	730	0	0	0	7	42	1041	6,722

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	647,838 ha (1,600,836 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,856,594
C. AUTHORIZATION NOT YET IN INVENTORY.....		135,047
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		124,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		66,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		19,800
H. GRAND TOTAL.....		4,201,441

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	59028	Family Housing New Constructio	41,000	TURNKEY	
711	60210	Family Housing Replacement Con	46,000	TURNKEY	
711	60198	Family Housing Replacement Con	37,000	TURNKEY	
		TOTAL	124,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
711	Family Housing Replacement Construction	63,000
711	Family Housing Improvements	3,000
	TOTAL	66,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 102,713

10. MISSION OR MAJOR FUNCTIONS:

Provide quality installation support and services to our customers. Plan and execute on order mobilization readiness, force protection and contingency operations. Plan and execute the transformation of the installation that supports the Stryker Brigade Combat Team; maintain and improve infrastructure and training areas; sustain strong community relations; and provide for the Well-Being of The Army Family into

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: Fort Wainwright Alaska

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
the 21st Century.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $102,713,000 based on the Installatioin Status Report (ISR) information on conditions as of August 2003. Projects identified for FY05 and FY06 funding will provide family housing, neighborhoods and infrastructure to current construction standards. While the ISR correctly identifies deficiencies for family housing structures, it does not include associated infrastructure requirements or all the amenities of current construction standards. Projects identified appropriately reflect replacement costs based on current standards.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Wainwright Alaska	Family Housing New Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	59028	Auth 41,000 Approp 41,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				29,917
Construct 3-BR JNCO Units	FA	72 --	264,123	(19,017)
Construct 5-BR JNCO Units	FA	28 --	377,397	(10,567)
Building Information Systems	LS	--	--	(333)
SUPPORTING FACILITIES				6,204
Electric Service	LS	--	--	(330)
Water, Sewer, Gas	LS	--	--	(3,102)
Steam And/Or Chilled Water Dist	LS	--	--	(440)
Paving, Walks, Curbs & Gutters	LS	--	--	(770)
Storm Drainage	LS	--	--	(50)
Site Imp(710) Demo( )	LS	--	--	(710)
Information Systems	LS	--	--	(802)
ESTIMATED CONTRACT COST				36,121
CONTINGENCY PERCENT (5.00%)				1,806
SUBTOTAL				37,927
SUPV, INSP & OVERHEAD (6.50%)				2,465
DESIGN/BUILD - DESIGN COST				759
TOTAL REQUEST				41,151
TOTAL REQUEST (ROUNDED)				41,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct 100 junior noncommissioned officer (JNCO) family quarters in the new Sitku neighborhood (72 three-bedroom and 28 five-bedroom) to current standards including neighborhood amenities and supporting infrastructure. Construction consists of variously configured multi-family structures which are factory built/manufactured and/or conventionally on-site constructed. The exterior elevations of the proposed facilities will incorporate the architectural elements and themes adopted by the Fort Wainwright Housing Community Plan. The project will provide attached garages, individual heating controls hard-wired interconnected smoke detectors, exterior storage, arctic space, and all equipment and appliances for functional living units. Supporting facility work includes providing electrical distribution system, water and sewage systems, along with the steam distribution and steam condensation return system in utilidors from the coal-fired central heating plant, access street, driveways, sidewalks and privacy fencing at the rear of each unit, recreation amenities, re-vegetating and landscaping the neighborhood open spaces, and landscaping the neighborhood streetscapes. Five of the quarters will be constructed such that they are accessible or easily modifiable to accommodate requirements of the handicapped.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing New Construction	59028

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

GRADE	No of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No of Units	Total ($000)
JNCO	5	2,097	2,600	242	2.03	775	28	$10,660
JNCO	3	1,476	1,830	170	2.03	775	72	$19,257
						Total	100	$29,917

PROJECT: Construction of 100 junior noncommissioned officer family quarters including supporting infrastructure, energy conservation and neighborhood amenities, all to current standards. Project supports deployment of the Stryker Brigade Combat Team. (New Mission)

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

CURRENT SITUATION: During the past decade, several improvement projects have been accomplished which converted inadequate 8-plex structures in overcrowded neighborhoods into adequate 4-plex structures including neighborhood amenities. The net result has been elimination of over 140 family quarters. In accordance with a recently completed Housing Market Analysis, there is a deficit of 898 houses on Ft Wainwright. There are also 550 units being leased through the 801 program. The lease on these units will expire in 2008. The City of Fairbanks has approximately 1100 rental units available of which we rent a large portion. This project will provide 100 new units to mitigate the impact on availability of rental housing.

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

ADDITIONAL: This project has been coordinated with the installation physical security plan and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows new construction to be the only viable option when compared to all other feasible alternatives. 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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Wainwright, Alaska	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing New Construction	59028

ADDITIONAL: (CONTINUED)
components.

Installation Engineer: Mr. Mike Meeks
Phone Number: 907-384-3000

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005	REPORT CONTROL SYMBOL: P&L (AR) 1716	
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Fort Wainwright A02871				b. LOCATION: Fort Wainwright AK 99703			
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	482	2,987	708	4,177	558	3,447	818	4,823
7. PERMANENT PARTY PERSONNEL	482	2,987	708	4,177	558	3,447	818	4,823
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					29	217		246

15. REMARKS (Specify item number)

Line 14: These three projects construct 100 new Junior NCO units to support the strength increase associated with the SBCT, demolish 32 units, and replaces 114 units lost to prior year conversion projects.

Field Grade Officer	10	4 Bedroom Units	Senior NCO	7	5 Bedroom Units
Company Grade Officer	13	5 Bedroom Units		44	3 Bedroom Units
	6	3 Bedroom Units	Junior NCO	76	5 Bedroom Units
				90	3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Wainwright Alaska	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	60198	Auth 37,000 Approp 37,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				23,060
Construct FGO 4-BR Units	FA	10 --	382,790	(3,828)
Construct CGO 3-BR Units	FA	6 --	306,110	(1,837)
Construct CGO 5-BR Units	FA	13 --	420,643	(5,468)
Construct SNCO 3-BR Units	FA	9 --	306,110	(2,755)
Construct SNCO 5-BR Units	FA	7 --	420,643	(2,945)
Total from Continuation page				(6,227)
SUPPORTING FACILITIES				8,850
Electric Service	LS	--	--	(1,022)
Water, Sewer, Gas	LS	--	--	(2,092)
Steam And/Or Chilled Water Dist	LS	--	--	(720)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,102)
Storm Drainage	LS	--	--	(641)
Site Imp(1,035) Demo(832)	LS	--	--	(1,867)
Information Systems	LS	--	--	(1,406)
ESTIMATED CONTRACT COST				31,910
CONTINGENCY PERCENT (5.00%)				1,596
SUBTOTAL				33,506
SUPV, INSP & OVERHEAD (6.50%)				2,178
DESIGN/BUILD - DESIGN COST				838
TOTAL REQUEST				36,522
TOTAL REQUEST (ROUNDED)				37,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by construction of 60 enlisted and officer family quarters consisting of 15 junior noncommissioned officer (JNCO) five-bedroom units, 16 senior noncommissioned officer (SNCO) units (9 three-bedroom and 7 five-bedroom), 19 company grade officer (CGO) units (6 three-bedroom and 13 five-bedroom), plus 10 field grade officer (FGO) four-bedroom units complete with supporting infrastructure and neighborhood amenities, all to current standards, in the North Town neighborhood to replace 32 existing inadequate units to be demolished, and 28 other units lost during conversions in prior year projects. Construction consists of variously configured multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses. Project will provide individual heating controls, hard-wired interconnected smoke and carbon monoxide detectors, exterior storage, arctic space, and all equipment and appliances for functional living units. Supporting facilities include electrical service, telephone/TV wiring, driveways and parking, playgrounds, landscaping and streets. Five of the units will be constructed such that they are accessible and easily modifiable to accommodate the requirements of the handicapped.

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Construct JNCO 5-BR Units	FA	15 --	389,556	(5,843)
Building Information Systems	LS	--	--	(384)
			Total	6,227

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. of Units	Total ($000)
FGO	4	2,065	2,560	238	2.11	$775	10	$3,892
CGO	3	1,661	2,060	191	2.11	$775	6	$1,875
CGO	5	2,266	2,810	261	2.11	$775	13	$5,552
SNCO	3	1,661	2,060	191	2.11	$775	9	$2,813
SNCO	5	2,266	2,810	261	2.11	$775	7	$2,989
JNCO	5	2,097	2,600	242	2.11	$775	15	$5,939
						TOTAL	60	$23,060

PROJECT: Construct 60 enlisted and officer family quarters, supporting infrastructure and neighborhood amenities, all to current standards, to replace inadequate units previously lost through conversion or to be demolished with this project. (Current Mission)

REQUIREMENT: This project is required to improve existing living conditions for enlisted and officer families by providing housing units conforming to current standards of size, comfort, habitability, safety and energy conservation.

CURRENT SITUATION: During the past decade, several improvement projects have been accomplished which converted inadequate 8-plex structures in overcrowded neighborhoods into adequate 4-plex structures including neighborhood amenities. The net result has been elimination of over 140 family quarters. In accordance with a recently completed Housing Market Analysis, there is a deficit of 898 houses on Ft Wainwright. There are also 550 units leased through the 801 program. The lease on these units will expire in 2008. The City of Fairbanks has approximately 1100 rental units available of which we rent a large portion. This project will provide replacement for 28 units lost during prior renovation work and 32 units to be demolished as part of this project in order to mitigate the impact on availability of rental housing. The existing units are fifty years old, deteriorated, inadequately sized and in a crowded neighborhood with inadequate parking.

IMPACT IF NOT PROVIDED: If this project is not provided, families will continue to be housed in inadequate housing. Morale will decline as soldiers

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Wainwright, Alaska	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60198

IMPACT IF NOT PROVIDED: (CONTINUED)
and families become increasingly dissatisfied with living conditions, adversely affecting the, health, safety and quality of life of these service members and their families. Existing housing will continue to deteriorate causing increased maintenance and energy costs.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or force protection measures are required. The economic 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 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.

Installation Engineer: Mr. Mike Meeks
Phone Number: 907-384-3000

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Wainwright Alaska	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	60210	Auth 46,000 Approp 46,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				29,012
Construct SNCO 3-BR Units	FA	35 --	308,789	(10,808)
Construct JNCO 5-BR Units	FA	33 --	392,235	(12,944)
Construct JNCO 3-BR Units	FA	18 --	274,430	(4,940)
Building Information Systems	LS	--	--	(320)
SUPPORTING FACILITIES				11,283
Electric Service	LS	--	--	(815)
Water, Sewer, Gas	LS	--	--	(1,691)
Steam And/Or Chilled Water Dist	LS	--	--	(1,436)
Paving, Walks, Curbs & Gutters	LS	--	--	(2,356)
Storm Drainage	LS	--	--	(937)
Site Imp(2,341) Demo( )	LS	--	--	(2,341)
Information Systems	LS	--	--	(1,707)
ESTIMATED CONTRACT COST				40,295
CONTINGENCY PERCENT (5.00%)				2,015
SUBTOTAL				42,310
SUPV, INSP & OVERHEAD (6.50%)				2,750
DESIGN/BUILD - DESIGN COST				1,058
TOTAL REQUEST				46,118
TOTAL REQUEST (ROUNDED)				46,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by construction of 86 enlisted family quarters consisting of 51 junior noncommissioned officer (JNCO) units (18 three-bedroom and 33 five-bedroom) plus 35 senior noncommissioned officer (SNCO) five-bedroom units complete with supporting infrastructure and neighborhood amenities, all to current standards, on a new site in the Sitku neighborhood, to replace 86 units lost during prior year projects which renovated 8-plex buildings to 4-plex. Construction consists of variously configured multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses. Project will provide individual heating controls, hard-wired interconnected smoke and carbon monoxide detectors, exterior storage, arctic space, and all equipment and appliances for functional living units. Supporting facilities include electrical service, telephone/TV wiring, access street, driveways and parking, recreation amenities, landscaping and streetscape. Five of the units will be constructed such that they are accessible and easily modifiable to accommodate the requirements of the handicapped.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Wainwright, Alaska

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60210

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. of Units	Total ($000)
SNCO	3	1,661	2,060	191	2.11	$775	35	$10,938
JNCO	3	1,476	1,830	170	2.11	$775	18	$ 5,007
JNCO	5	2,097	2,600	242	2.11	$775	33	$13,067
						TOTAL	86	$29,012

PROJECT: Construct 86 noncommissioned officer family replacement quarters with attached garages, supporting infrastructure and neighborhood amenities. (Current Mission)

REQUIREMENT: This project is required to improve existing living conditions for junior and senior noncommissioned officer families by providing housing units conforming to current standards of size, comfort, habitability, safety and energy conservation.

CURRENT SITUATION: During the past decade, several improvement projects have been accomplished which converted inadequate 8-plex structures in overcrowded neighborhoods into adequate 4-plex structures including neighborhood amenities. The net result has been elimination of over 140 family quarters. In accordance with a recently completed Housing Market Analysis, there is a deficit of 898 houses on Ft Wainwright. There are also 550 units being leased through the 801 program. The lease on these units will expire in 2008. The City of Fairbanks has approximately 1100 rental units available of which we rent a large portion. This project will provide 86 replacement units for those lost during prior renovation work in order to mitigate the impact on the availability of rental housing.

IMPACT IF NOT PROVIDED: If this project is not provided, noncommissioned officers and their families will continue to be housed in inadequate housing. Morale will decline as soldiers and families become increasingly dissatisfied with living conditions, adversely affecting the, health, safety and quality of life of these service members and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security and/or force protection measures are required. The economic 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 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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Wainwright, Alaska	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60210

ADDITIONAL: (CONTINUED)

Installation Engineer: Mr. Mike Meeks
Phone Number: 907-384-3000

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1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Huachuca Arizona	US Army Training and Doctrine Command (Installation Mgt Agency, Southwest Region)	1.11

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	607	3438	2181	471	2562	7	68	274	3700	13,308
B. END FY 2009	584	3496	2564	434	2267	14	64	269	3743	13,435

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	41,036 ha (101,401 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,149,085
C. AUTHORIZATION NOT YET IN INVENTORY.....		80,827
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		41,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		43,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		16,500
H. GRAND TOTAL.....		2,330,412

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	57069	Family Housing Replacement Con	41,000		TURNKEY
		TOTAL	41,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
711	Family Housing Improvements	13,000
711	Family Housing Replacement Construction	30,000
	TOTAL	43,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 141,352

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: Fort Huachuca Arizona

10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)
Communications Agency, area AMC, TRADOC and FORSCOM Activities, and approximately 20 other tenant elements.

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11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $141,352,000 based on the Installation Status Report (ISR) information on conditions as of August 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Huachuca Arizona	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	57069	Auth 41,000 Approp 41,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				25,446
Construct 3-BR JNCO Units	FA	163 --	119,055	(19,406)
Construct 4-BR JNCO Units	FA	40 --	142,700	(5,708)
Construct 5-BR JNCO Units	FA	2 --	166,000	(332)
SUPPORTING FACILITIES				10,497
Electric Service	LS	--	--	(1,487)
Water, Sewer, Gas	LS	--	--	(1,818)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,238)
Storm Drainage	LS	--	--	(855)
Site Imp(1,976) Demo(2,876)	LS	--	--	(4,852)
Information Systems	LS	--	--	(247)
ESTIMATED CONTRACT COST				35,943
CONTINGENCY PERCENT (5.00%)				1,797
SUBTOTAL				37,740
SUPV, INSP & OVERHEAD (5.70%)				2,151
DESIGN/BUILD - DESIGN COST				944
TOTAL REQUEST				40,835
TOTAL REQUEST (ROUNDED)				41,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by construction of 205 junior noncommissioned officer (JNCO) family quarters (163 three-bedroom, 42 four-bedroom and 2 five-bedroom units), built to current standards to replace 216 existing inadequate family housing units. Construction consists of variously configured single and multi-unit, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses on sites made available by the demolition of existing units, 78 in Miles Manor and 138 in Pershing Plaza West. Demolition of these 216 units includes asbestos and lead-paint removal. Project will provide individual heating and air conditioning controls, hard-wried interconnected smoke and carbon monoxide detectors, storage within the garages, a fenced patio, full desert landscaping, and 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 service connections, new water and sewer mains and laterals, restoring portions of existing roadways and constructing new roadways including curbs and gutters, sidewalk additions, and expansion and revitalization or replacement of existing recreation amenities, landscaping and trees. Eleven of these units will be handicapped

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
accessible and easily modifiable to accommodate the requirements of the handicapped.

Grade	No of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No of Units	Total ($000)
JNCO	2	1,855	2,300	214	1.032	764	2	337
JNCO	4	1,573	1,950	181	1.032	764	40	5,708
JNCO	3	1,315	1,630	151	1.032	764	163	19,406
						Total	205	$25,451

PROJECT: Construct 205 enlisted family housing units including neighborhood amenities and supporting infrastructure to replace 216 existing inadequate units that will be demolished to provide sites for the new 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 project will upgrade/replace non-surplus on-post quarters to provide fully adequate family housing 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, and to allow the local community time to build additional housing in response to the projected increase in demand for housing by military families. The existing inadequately sized single story JNCO units consist of 128 two-bedroom units at 115 GSM, and 88 three-bedroom units at 126 GSM. The units have not had any major improvements since original construction in 1957, and have foundation problems in the expansive soil present. 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 with pitched shingle roofs to reduce leaking and improve appearance. 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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Huachuca, Arizona	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	57069

CURRENT SITUATION: (CONTINUED)
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.

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. Existing housing can not economically be revitalized to be comparable to the standards of private housing off-post. Further use of the housing will result in higher operating and maintenance costs and continued deterioration of the facilities. The quality of life will become substantially less than comparable families living off-post in the private sector.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be the more cost effective than all other feasible alternatives. 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.

Installation Engineer: John A. Ruble
Phone Number: 520-533-3141

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005			REPORT CONTROL SYMBOL: P&L (AR) 1716
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Fort Huachuca A04005			b. LOCATION: Fort Huachuca AZ 85613				
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	1,051	3,375	2,765	7,191	1,002	3,277	2,528	6,807
7. PERMANENT PARTY PERSONNEL	755	2,849	506	4,110	726	2,774	453	3,953
8. GROSS FAMILY HOUSING REQUIREMENTS	585	2,196	193	2,974	607	2,121	172	2,900
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS	17	40		57	16	38		54
11. EFFECTIVE HOUSING REQUIREMENTS	568	2,156	193	2,917	591	2,083	172	2,846
12. HOUSING ASSETS (a + b)	580	2,793	225	3,598	595	2,717	215	3,527
a. UNDER MILITARY CONTROL	160	1,471	125	1,756	164	1,432	125	1,721
(1) Housed in Existing DOD Owned/Controlled	157	1,192	125	1,474	164	1,432	125	1,721
(2) Under Contract / Approved								0
(3) Vacant	3	279		282				
(4) Inactive				0				
b. PRIVATE HOUSING	420	1,322	100	1,842	431	1,285	90	1,806
(1) Acceptably Housed	420	1,322	100	1,842				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(12)	(637)	(32)	(681)	(4)	(634)	(43)	(681)
14. PROPOSED PROJECT						205		205

15. REMARKS (Specify item number)

Line 14: This project demolishes 240 uneconomical to repair units and replaces them with 205 Junior NCO units.

Junior NCO	2	5 Bedroom Units
	40	4 Bedroom Units
	163	3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Yuma Proving Ground Arizona	US Army Materiel Command (Installation Mgt Agency, Southwest Region)	1.14

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	14	104	599	0	0	0	3	47	1346	2,113
B. END FY 2009	13	95	631	0	0	0	3	47	1264	2,053

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	408,288 ha (1,008,898 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		980,793
C. AUTHORIZATION NOT YET IN INVENTORY.....		6,100
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		14,900
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		23,800
H. GRAND TOTAL.....		1,025,593

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	57041	Family Housing Replacement Con	14,900		TURNKEY
		TOTAL	14,900		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		13,043

10. MISSION OR MAJOR FUNCTIONS:

Test weapon systems of all types and sizes in a joint environment. The proving ground conducts tests on medium and long range artillery, aircraft target acquisition equipment and armament, armored and wheeled vehicles, a variety of munitions, and personnel and supply parachute systems. Testing programs are conducted for all United States military services, friendly foreign nations and private industry.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	($000)
A. AIR POLLUTION	0

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

INSTALLATION AND LOCATION: Yuma Proving Ground Arizona

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

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $13,043,000 based on the Installation Status Report (ISR) information on conditions as of August 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Yuma Proving Ground Arizona	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	57041	Auth 14,900 Approp 14,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,072
Replace CGO 3 BR	FA	1 --	157,000	(157)
Replace CGO 4 BR	FA	2 --	181,500	(363)
Replace FGO 3 BR	FA	2 --	170,000	(340)
Replace FGO 4 BR	FA	4 --	194,750	(779)
Replace SO 4 BR	FA	1 --	232,000	(232)
Total from Continuation page				(7,201)
SUPPORTING FACILITIES				4,339
Electric Service	LS	--	--	(516)
Water, Sewer, Gas	LS	--	--	(630)
Paving, Walks, Curbs & Gutters	LS	--	--	(699)
Storm Drainage	LS	--	--	(297)
Site Imp(986) Demo(1,211)	LS	--	--	(2,197)
ESTIMATED CONTRACT COST				13,411
CONTINGENCY PERCENT (5.00%)				671
SUBTOTAL				14,082
SUPV, INSP & OVERHEAD (5.70%)				803
TOTAL REQUEST				14,885
TOTAL REQUEST (ROUNDED)				14,900
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revitalization by replacement of 55 family housing units (10 officer, 20 senior non-commisioned officer, and 25 junior non-commisioned officer) built to current standards to replace 74 units which are uneconomical to revitalize and will be demolished. Construction consists of variously configured single and duplex, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses on sites made available by demolition of 74 existing units, including asbestos and lead-based paint removal/abatement, and reutilizing portions of existing infrastructure. The design includes frame construction with brick veneer, stucco or prefinished siding. Project will provide individual heating and air-conditioning controls, hard-wired interconnected smoke detectors, exterior storage and all equipment and appliances for functional living. Supporting facilitiy improvements include new electrical and communications service connections, new water and sewer laterals, replacement of rolled curbs with curb and gutters and refinishing existing roadways, sidewalk additions, and revitalizaton of existing recreation amenities.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Yuma Proving Ground, Arizona

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	57041

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Replace SNCO 3 BR	FA	9 --	156,780	(1,411)
Replace SNCO 4 BR	FA	5 --	181,200	(906)
Replace SNCO 5 BR	FA	4 --	211,000	(844)
Replace SGM 4 BR	FA	2 --	195,000	(390)
Replace JNCO 3 BR	FA	21 --	136,855	(2,874)
Replace JNCO 5 BR	FA	4 --	194,000	(776)
			Total	7,201

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. of Units	Total ($000)
JRNCO	3	1315	1630	151	1.186	$764	21	2,874
JRNCO	5	1855	2300	214	1.186	$764	4	776
SRNCO	3	1500	1860	173	1.186	$764	9	1,411
SRNCO	4	1734	2150	200	1.186	$764	5	906
SRNCO	5	2024	2510	233	1.186	$764	4	844
SGM	4	1863	2310	215	1.186	$764	2	390
CGO	3	1500	1860	173	1.186	$764	1	157
CGO	4	1734	2150	200	1.186	$764	2	363
FGO	3	1629	2020	188	1.186	$764	2	340
FGO	4	1863	2310	215	1.186	$764	4	779
SO	4	2032	2520	234	1.186	$764	1	232
					TOTAL		55	9,072

PROJECT: Whole neighborhood revitalization by construction of 55 enlisted and officer family housing replacement units to current standards, including neighborhood amenities energy conservation and supporting infrastructure, and demolish 74 existing inadequate units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for these soldiers and their families by providing housing that meets current standards of comfort, habitability, size, safety, energy conservation. 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 housing for use by military families. This project will replace non-surplus on-post quarters in the Ironwood and Colorado housing areas to provide fully adequate family housing in accordance with The Army's Family Housing Master Plan. Coordination with the local

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Yuma Proving Ground, Arizona	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	57041

CURRENT SITUATION: (CONTINUED)
community, to include impact on schools, has been initiated. The existing single story JNCO units are inadequately sized and have not had any major improvements since original construction in 1948 - 1959. Asbestos and lead paint have been identified in these quarters. Current roof systems are weathering with deterioration, and need to be replaced. Roof and wall insulation is inadequate and original single pane windows and exterior doors require replacement. The three-bedroom units lack a family room, laundry room, adequate living room size, and interior storage space. Existing carports do not provide adequate protection for vehicles from the harsh desert environment. Exterior wall finishes are deteriorated and must be replaced, lighting and appliances are worn out requiring repalcement, and the electrical system has ungrounded wiring circuits. There is very little designated off-street parking, and sidewalks only exist along the main thoroughfare. There is a deficiency of tot lots and recreation facilities, and the area in general lacks a sense or appearance of a neighborhood. The main entrance road to Ironwood needs realignment and widening to provide direct access.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families. Existing housing can not be economically revitalized to current standards. Further use of the housing will result in higher operating and maintenance costs and continued deterioration of the facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be the more cost effective than all other feasible alternatives. 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.

Installation Engineer: George T. Fischbach
Phone Number: (928) 328-2245

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005		REPORT CONTROL SYMBOL: P&L (AR) 1716
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Yuma Proving Ground A04985				b. LOCATION: Yuma AZ 85365			
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	17	146	5	168	16	137	5	158
7. PERMANENT PARTY PERSONNEL	0	0	0	0	0	0	0	0
8. GROSS FAMILY HOUSING REQUIREMENTS	10	109	3	122	10	103	4	117
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)				0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS				0				0
11. EFFECTIVE HOUSING REQUIREMENTS	10	109	3	122	10	103	4	117
12. HOUSING ASSETS (a + b)	75	199	1	275	75	189	10	274
a. UNDER MILITARY CONTROL	75	199	1	275	75	188	8	271
(1) Housed in Existing DOD Owned/Controlled	10	108	1	119	75	155	8	238
(2) Under Contract / Approved						33	0	33
(3) Vacant	65	91		156				
(4) Inactive				0				
b. PRIVATE HOUSING				0		1	2	3
(1) Acceptably Housed		1	2	3				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	-65	-90	2	-153	-65	-86	-6	-157
14. PROPOSED PROJECT					10	45		55

15. REMARKS (Specify item number)

Line 14: This project demolishes 74 uneconomical to repair units and replaces them with 45 Enlisted and 10 Officer units.

Senior NCO	04 5 Bedroom Units	Company Grade Officer	02 4 Bedroom Units
	07 4 Bedroom Units		01 3 Bedroom Unit
	09 3 Bedroom Units	Field Grade Officer	04 4 Bedroom Units
Junior NCO	04 4 Bedroom Units		02 3 Bedroom Units
	21 3 Bedroom Units	Senior Officer	01 4 Bedroom Unit

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Riley Kansas	US Army Forces Command (Installation Mgt Agency, Northwest Region)	1.08

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1054	8816	1717	0	10	0	17	154	3266	15,034
B. END FY 2009	1045	8873	1829	0	10	0	17	156	3365	15,295

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	40,734 ha (100,656 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,974,307
C. AUTHORIZATION NOT YET IN INVENTORY.....		63,994
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		63,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		70,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		33,532
H. GRAND TOTAL.....		3,204,833

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	60223	Family Housing Improvements	30,000	TURNKEY	
711	60531	Family Housing Replacement Con	33,000	TURNKEY	
		TOTAL	63,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
711	Family Housing Improvements	36,000
711	Family Housing Replacement Construction	34,000
	TOTAL	70,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 7,767

10. MISSION OR MAJOR FUNCTIONS:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: Fort Riley Kansas

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $7,767,000 based on the Installation Status Report (ISR) information on conditions as of August 2003. Projects identified for FY05 and FY06 funding will provide family housing, neighborhoods and infrastructure to current construction standards. While the ISR correctly identifies deficiencies for family housing structures, it does not include associated infrastructure requirements or all the amenities of current construction standards. Projects identified appropriately reflect replacement costs based on current standards.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Riley Kansas	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	60531	Auth 33,000 Approp 33,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				22,446
Construct JNCO 5-BR Units	FA	39 --	176,576	(6,886)
Construct SNCO 5-BR Units	FA	32 --	192,253	(6,152)
Construct CGO 3-BR Units	FA	7 --	142,746	(999)
Construct CGO 4-BR Units	FA	29 --	165,024	(4,786)
Construct CGO 5-BR Units	FA	17 --	192,253	(3,268)
Construct FGO 4-BR Units	FA	2 --	177,401	(355)
SUPPORTING FACILITIES				6,981
Electric Service	LS	--	--	(1,197)
Water, Sewer, Gas	LS	--	--	(1,463)
Paving, Walks, Curbs & Gutters	LS	--	--	(997)
Storm Drainage	LS	--	--	(688)
Site Imp(2,009) Demo(627)	LS	--	--	(2,636)
ESTIMATED CONTRACT COST				29,427
CONTINGENCY PERCENT (5.00%)				1,471
SUBTOTAL				30,898
SUPV, INSP & OVERHEAD (5.70%)				1,761
DESIGN/BUILD - DESIGN COST				772
TOTAL REQUEST				33,431
TOTAL REQUEST (ROUNDED)				33,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by construction of 126 enlisted and officer family quarters, consisting of 39 junior noncommissioned officer (JNCO) five-bedroom units, 32 senior noncommissioned officer (SNCO) five-bedroom units, 53 company grade officer (CGO) units (7 three-bedroom, 29 four-bedroom, and 17 five-bedroom), and 2 field grade officer (FGO) five-bedroom units, built to current standards on new housing sites for all 55 officer units in Main Post, for 32 SNCO and 15 JNCO units in Ellis Heights, and in place of existing inadequate housing for 24 JNCO units in South Warner Heights, all to replace 126 existing inadequate units that were constructed in 1950 - 1977 in various housing areas, are uneconomical to revitalize, and will be demolished. 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 constructed houses. Demolition of the 126 existing inadequate housing units, 28 in South Warner Heights, 32 in Main Post, and 66 in Peterson Heights, 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,

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

street lighting, landscaping, and recreation amenities. Seven of the houses will be accessible and easily modifiable to accomodate the requirements of the handicapped.

Grade	Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. Units	($000) Total
CGO	3	1500	1860	173	1.08	$764	7	$999
CGO	4	1734	2150	200	1.08	$764	29	$4,786
CGO	5	2024	2510	233	1.08	$764	17	$3,268
SNCO	5	2024	2510	233	1.08	$764	32	$6,152
JNCO	5	1855	2300	214	1.08	$764	39	$6,886
FGO	4	1863	2310	215	1.08	$764	2	$355
						TOTAL	126	$22,446

PROJECT: Whole neighborhood revitalization by construction of 126 enlisted and officer replacement family quarters to current standards, including neighborhood amenities, energy conservation and supporting infrastructure, and demolition of 126 existing inadequate units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for these soldiers and their families by providing housing 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: The 126 existing quarters being replaced are in the South Warner Heights, 28 units, Main Post, 32 units, and Peterson Heights, 66 units, housing areas. They have had no major improvements since their original construction between 1950 and 1977, and are overdue for major renovation and upgrade. The units are undersized and lack family rooms. Kitchens and baths are inadequate and deteriorated, requiring renovation. Laundry and storage space is insfficient to meet family needs. The roof truss systems for the newer units in South Warner Heights are of marginal design resulting in excessive deflection, some having had to be strengthened or replaced. Most units do not have sidewalks or privacy fencing. Utility systems are failing and are in need of replacement. Narrow streets cause congestion and pose a safety hazard. There are insufficient recreation amenities.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families. Existing housing can not economically be revitalized to current standards. Further use of the housing will result in higher operating and maintenance costs and continued deterioration of the facilities.

ADDITIONAL: This project has been coordinated with the installation physical

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Riley, Kansas	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60531

ADDITIONAL: (CONTINUED)
security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be the more cost effective than all other feasible alternatives. 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.

Installation Engineer: LTC Wesley B. Anderson
Phone Number: 785-239-3906

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005	REPORT CONTROL SYMBOL: P&L (AR) 1716	
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Fort Riley A20605				b. LOCATION: Fort Riley KS 66442			
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	1,029	6,315	2,487	9,831	1,020	6,357	2,505	9,882
7. PERMANENT PARTY PERSONNEL	1,029	6,315	2,487	9,831	1,020	6,357	2,505	9,882
8. GROSS FAMILY HOUSING REQUIREMENTS	859	4,328	591	5,778	835	4,365	597	5,797
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	8	53	16	77				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	8	53	16	77				
10. VOLUNTARY SEPARATIONS	21	211	29	261	21	213	29	263
11. EFFECTIVE HOUSING REQUIREMENTS	838	4,117	562	5,517	814	4,152	568	5,534
12. HOUSING ASSETS (a + b)	836	4,095	554	5,485	812	4,130	560	5,502
a. UNDER MILITARY CONTROL	396	2,402	254	3,052	375	2,423	254	3,052
(1) Housed in Existing DOD Owned/Controlled	390	2,371	246	3,007	375	2,423	254	3,052
(2) Under Contract / Approved								0
(3) Vacant	6	31	8	45				
(4) Inactive				0				
b. PRIVATE HOUSING	440	1,693	300	2,433	437	1,707	306	2,450
(1) Acceptably Housed	440	1,693	300	2,433				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	2	22	8	32	2	22	8	32
14. PROPOSED PROJECT					55	71		126

15. REMARKS (Specify item number)

Line 14: This project demolishes 126 uneconomical to repair units and replaces them with 39 Junior NCO units, 32 Senior NCO units, 53 Company Grade units, and 2 Field Grade units.

Junior NCO 39 5 Bedroom Units

Senior NCO 32 5 Bedroom Units

Company Grade 17 5 Bedroom Units
29 4 Bedroom Units

Field Grade 2 4 Bedroom Units

7 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
White Sands Missile Range New Mexico	US Army Test and Evaluation Command (Installation Mgt Agency, Southwest Region)	1.00

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	61	203	2010	0	0	0	34	324	3792	6,424
B. END FY 2009	57	143	2090	0	0	0	59	310	4321	6,980

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	1,474,715 ha (3,644,087 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		2,488,644
C. AUTHORIZATION NOT YET IN INVENTORY.....		18,250
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		31,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		20,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		63,500
H. GRAND TOTAL.....		2,621,394

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	57070	Family Housing Replacement Con	31,000		TURNKEY
		TOTAL	31,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
711	Family Housing Replacement Construction	20,000
	TOTAL	20,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 14,421

10. MISSION OR MAJOR FUNCTIONS:

Provide quality test, evaluation, research, and other technical services to the Army and DOD acquisition programs.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: White Sands Missile Range New Mexico

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all permanent and semi-permanent family fousing facilities at this installation is $14,421,000 based on the Installation Status Report (ISR) information on conditions as of August 2003. Projects identified for FY05 and FY06 funding will provide family housing, neighborhoods and infrastructure to current construction standards. While the ISR correctly identifies deficiencies for family housing structures, it does not include associated infrastructure requirements or all the amenities of current construction standards. Projects identified appropriately reflect replacement costs based on current standards.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
White Sands Missile Range New Mexico	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	57070	Auth 31,000 Approp 31,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				19,550
Construct 5 Bedroom JNCO Units	FA	11 --	163,496	(1,798)
Construct 4 Bedroom JNCO Units	FA	34 --	138,284	(4,702)
Construct 3 Bedroom JNCO Units	FA	106 --	115,364	(12,229)
Construct 4 Bedroom FGO Units	FA	5 --	164,260	(821)
SUPPORTING FACILITIES				7,486
Electric Service	LS	--	--	(1,117)
Water, Sewer, Gas	LS	--	--	(1,365)
Paving, Walks, Curbs & Gutters	LS	--	--	(631)
Storm Drainage	LS	--	--	(642)
Site Imp(1,827) Demo(1,904)	LS	--	--	(3,731)
ESTIMATED CONTRACT COST				27,036
CONTINGENCY PERCENT (5.00%)				1,352
SUBTOTAL				28,388
SUPV, INSP & OVERHEAD (5.70%)				1,618
DESIGN/BUILD - DESIGN COST				710
TOTAL REQUEST				30,716
TOTAL REQUEST (ROUNDED)				31,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by constructing 156 officer and enlisted family quarters consisting of 151 junior noncommissioned officer (JNCO) units (106 three-bedroom, 34 four-bedroom, and 11 five-bedroom) and 5 field grade officer (FGO) four-bedroom units built to current standards on previously cleared or new housing sites in Columbia Area 5, Columbia Area 11, Patriot Area 10, and Trinity Area 6 to replace 156 existing inadequate units to be demolished in Columbia Area 1, Columbia Area 2, Columbia Area 11, and Trinity Area 4. Construction will consist of variously configured single and multi-unit, one and two story buildings that are factory built/manufactured and/or conventionally on-site construction houses. Project will provide all equipment and appliances for functional living units. Demolition of existing housing units includes asbestos and lead-based paint abatement. 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, recreation amenities, and rock wall privacy screens. Eight of the houses will be accessible and easily modifiable to accomodate the requirements of the handicapped.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

White Sands Missile Range, New Mexico

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	57070

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. Units	($000) Total
JNCO	5	1,855	2,300	214	1.00	764	11	$1,798
JNCO	4	1,573	1,950	181	1.00	764	34	$4,702
JNCO	3	1,315	1,630	151	1.00	764	106	$12,229
FGO	4	1,863	2,310	215	1.00	764	5	$821
						TOTAL	156	$19,550

PROJECT: Whole neighborhood revitalization by construction of 156 replacement family quarters to current standards, including neighborhood amenities and supporting infrastructure, and demolition of 156 existing inadequate units. (Current Mission)

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

CURRENT SITUATION: The existing quarters being replaced are in Columbia Area 1, Columbia Area 2, Columbia Area 11, and Trinity Area 4. These quarters have had no major improvements since their original construction between 1948 and 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 that 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.

IMPACT IF NOT PROVIDED: If this project is not provided, service members will continue to reside in inadequate housing that 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 housing.

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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

White Sands Missile Range, New Mexico

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	57070

ADDITIONAL: (CONTINUED)
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: Mrs. Gloria Rider
Phone Number: 505-678-1131

MILITARY FAMILY HOUSING JUSTIFICATION					1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005		REPORT CONTROL SYMBOL: P&L (AR) 1716
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: White Sands Missle Range A35955				b. LOCATION: White Sands NM 88002			
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	95	476	51	622	116	409	44	569
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)	22	29	0	51				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	22	29		51				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS	3	22	1	26	2	19	1	22
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 Owned/Controlled	41	211	18	270	119	315	18	452
(2) Under Contract / Approved								0
(3) Vacant	78	104		182				
(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)	(59)	(78)	0	(137)
14. PROPOSED PROJECT					5	151		156

15. REMARKS (Specify item number)

Line 14. This project demolishes 156 uneconomical units and replaces them with 151 Junior NCO units, and 5 Field Grade units.

Field Grade Officer 5 4 Bedroom Units

Junior NCO 11 5 Bedroom Units
34 4 Bedroom Units
106 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Sill Oklahoma	US Army Training and Doctrine Command (Installation Mgt Agency, Southwest Region)	0.92

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	1343	9328	1480	1057	7196	0	129	629	3836	24,998
B. END FY 2009	1295	8985	1544	567	7121	0	107	628	4111	24,358

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	37,972 ha (93,831 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		3,193,215
C. AUTHORIZATION NOT YET IN INVENTORY.....		40,433
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		47,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		25,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		50,540
H. GRAND TOTAL.....		3,356,188

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	60211	Family Housing Replacement Con	47,000	TURNKEY	
		TOTAL	47,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
711	Family Housing Replacement Construction	25,000
	TOTAL	25,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 24,401

10. MISSION OR MAJOR FUNCTIONS:

The United States Army Field Artillery Center and Fort Sill will train soldiers and Marines, and develop Field Artillery leaders; design and develop fire support for the force; support unit training and readiness; mobilize and deploy operating forces; and maintain installation infrastructure and services.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: Fort Sill Oklahoma

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $24,401,000 based on the Installation Status Report (ISR) information on conditions as of August 2003. Projects identified for FY05 and FY06 funding will provide family housing, neighborhoods and infrastructure to current construction standards. While the ISR correctly identifies deficiencies for family housing structures, it does not include associated infrastructure requirements or all the amenities of current construction standards. Projects identified appropriately reflect replacement costs based on current standards.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Sill Oklahoma	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	60211	Auth 47,000 Approp 47,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				30,900
Construct JNCO 5-BR Units	FA	70 --	139,887	(9,792)
Construct JNCO 4-BR Units	FA	88 --	118,316	(10,412)
Construct JNCO 3-BR Units	FA	89 --	98,705	(8,785)
Waffle Slab Upgrade	LS	--	--	(1,911)
SUPPORTING FACILITIES				10,489
Electric Service	LS	--	--	(1,634)
Water, Sewer, Gas	LS	--	--	(1,997)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,360)
Storm Drainage	LS	--	--	(940)
Site Imp(1,860) Demo(2,698)	LS	--	--	(4,558)
ESTIMATED CONTRACT COST				41,389
CONTINGENCY PERCENT (5.00%)				2,069
SUBTOTAL				43,458
SUPV, INSP & OVERHEAD (5.70%)				2,477
DESIGN/BUILD - DESIGN COST				1,086
TOTAL REQUEST				47,021
TOTAL REQUEST (ROUNDED)				47,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by contruction of 247 junior noncommissioned officer (JNCO) family quarters (89 three-bedroom, 88 four-bedroom, and 70 five-bedroom units), built to current standards to replace 247 existing inadequate units in Artillery Village that will be demolished. 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 new site (Satanta Gardens) east of Geronimo Acres. Project will provide individual heating and air conditioning controls, hard-wired interconnected smoke and carbon monoxide detectors, storage within the garages, a fenced patio, full landscaping, and all equipment and appliances for functional living units. Supporting facility work includes new roads and utilities as well as recreation amenities, landscaping and trees. Thirteen of these units will be handicapped accessible and easily modifiable to accommodate the requirements of the handicapped.

Grade	No. of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. of Units	Total ($000)
JNCO	5	1,855	2,300	214	.86	764	70	$9,792

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

JNCO	4	1,573	1,950	181	.86	764	88	$10,412
JNCO	3	1,315	1,630	151	.86	764	89	$8,785
Additional Foundation cost for waffle slab on expansive soils:								$1,911
						Total	129	$30,900

PROJECT: Construct 247 junior enlisted family replacement units on new site including neighborhood amenities and supporting infrastructure to replace 247 existing inadequate units in Artillery Village that will be demolished. (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 existing structures were constructed under the Wherry Housing Program 52 years ago. They were built with inappropriate foundations and structural systems for the expansive soil conditions encountered in this area. Consequently, repeated repair actions have had to be undertaken to remedy the situation and provide adequate housing to our soldier occupants and their families. All have failed. The units continue to experience extremely high maintenance due to the continuous movement caused by the existing soils and the improper foundation design. The units which require replacement now have had to be vacated and left unoccupied for periods of up to 18 months while necessary repair actions were performed. Kitchens and baths are inadequate and do not meet current standards. Electrical systems are deteriorated and do not meet current code requirements. These housing units have only one off street parking space per unit with no visitor parking available. On street parking is resulting in traffic congestion and difficulty in seeing children at play. These units have gable roofs with water lines running through the unheated attic space. Resultant wind and freeze damage has been a constant drain of funding for repair of damaged interiors, and numerous projects have been completed to divert surface water away from the units.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing with insufficient facilities, adversely affecting the health, safety and quality of life of these families. Existing housing can not economically be revitalized to be comparable to the standards of private housing off-post. Further use of the housing will result in higher operating and maintenance costs and continued deterioration of the facilities. The quality of life will become substantially less than comparable families living off-post in the private sector.

ADDITIONAL: This project has been coordinated with the installation physical

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Sill, Oklahoma

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60211

ADDITIONAL: (CONTINUED)

security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows replacement construction to be the more cost effective than all other feasible alternatives. 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.

Installation Engineer: Dennis Hergenrether
Phone Number: 580-442-3015

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005			REPORT CONTROL SYMBOL: P&L (AR) 1716
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Fort Sill A40755			b. LOCATION: Fort Sill OK 73503				
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	2,365	8,424	8,459	19,248	1,804	8,214	8,251	18,269
7. PERMANENT PARTY PERSONNEL	1,218	5,186	5,207	11,611	1,193	5,076	5,099	11,368
8. GROSS FAMILY HOUSING REQUIREMENTS	946	4,154	1,796	6,896	904	4,066	1,757	6,727
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	217	709	635	1,561				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	217	709	635	1,561				
10. VOLUNTARY SEPARATIONS	26	238	246	510	26	234	241	501
11. EFFECTIVE HOUSING REQUIREMENTS	920	3,916	1,550	6,386	878	3,832	1,516	6,226
12. HOUSING ASSETS (a + b)	709	3,225	915	4,849	601	3,352	971	4,924
a. UNDER MILITARY CONTROL	259	1,133	23	1,415	259	1,133	23	1,415
(1) Housed in Existing DOD Owned/Controlled	255	1,115	23	1,393	259	1,133	23	1,415
(2) Under Contract / Approved								0
(3) Vacant	4	18		22				
(4) Inactive				0				
b. PRIVATE HOUSING	450	2,092	892	3,434	342	2,219	948	3,509
(1) Acceptably Housed	450	2,092	892	3,434				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	211	691	635	1,537	277	480	545	1,302
14. PROPOSED PROJECT						247		247

15. REMARKS (Specify item number)

Line 14. This project demolishes 247 uneconomical units and replaces them with 247 Junior NCO units.

Junior NCO 70 5 Bedroom Units
88 4 Bedroom Units
89 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Lee Virginia	US Army Training and Doctrine Command (Installation Mgt Agency, Northeast Region)	0.94

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	641	2627	1482	522	4955	83	55	227	2323	12,915
B. END FY 2009	600	2377	1402	523	4897	108	57	225	2304	12,493

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	2,256 ha (5,574 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		1,229,470
C. AUTHORIZATION NOT YET IN INVENTORY.....		52,524
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		46,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		23,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		81,800
H. GRAND TOTAL.....		1,432,794

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	60533	Family Housing Replacement Con	46,000		TURNKEY
		TOTAL	46,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM:		
711	Family Housing Improvements	23,000
	TOTAL	23,000

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

C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 86,454

10. MISSION OR MAJOR FUNCTIONS:

Provide the Army with combat developments, training developments, and institutional training; participating in the force structuring process; determine materiel requirements and influence the development, acquisition, and fielding processes for combat service support functions.

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: Fort Lee Virginia

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $86,454,000 based on the Installation Status Report (ISR) information on conditions as of August 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Lee Virginia	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	60533	Auth 46,000 Approp 46,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				27,509
JNCO 3-BR Units	FA	26 --	100,851	(2,622)
JNCO 5-BR Units	FA	19 --	142,928	(2,716)
SNCO 3-BR Units	FA	96 --	115,545	(11,092)
SNCO 4-BR UNits	FA	35 --	133,578	(4,675)
SNCO 5-BR Units	FA	37 --	155,618	(5,758)
Total from Continuation page				(646)
SUPPORTING FACILITIES				12,770
Electric Service	LS	--	--	(1,459)
Water, Sewer, Gas	LS	--	--	(1,916)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,305)
Storm Drainage	LS	--	--	(901)
Site Imp(3,828) Demo(3,361)	LS	--	--	(7,189)
ESTIMATED CONTRACT COST				40,279
CONTINGENCY PERCENT (5.00%)				2,014
SUBTOTAL				42,293
SUPV, INSP & OVERHEAD (5.70%)				2,411
DESIGN/BUILD - DESIGN COST				1,057
TOTAL REQUEST				45,761
TOTAL REQUEST (ROUNDED)				46,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization by construction of 218 junior and senior enlisted family quarters consisting of 45 junior noncommissioned officer (JNCO) units (19 five-bedroom and 26 four-bedroom) and 173 senior noncommissioned officer (SNCO) units (100 three-bedroom, 36 four-bedroom, and 37 five-bedroom) to replace 298 inadequate family housing units in the Jefferson Terrace and Madison Park housing areas that will be demolished to provide sites for this construction. Construction consists of variously configured single family and duplex, one and two story buildings which are factory built/manufactured and/or conventionally on-site constructed houses built to current standards in line with projected Housing Market Analysis requirements, will provide all equipment and appliances for functional living units, and will include upgrades of associated neighborhood amenities and support infrastructure. Eleven of these units will be made easily modifiable to accommodate the requirements of the handicapped.

Grade	Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No. Units	($000) Total
SNCO	3	1629	2020	188	0.87	$764	4	$502

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
SNCO 3-BR Units	FA	4 --	125,563	(502)
SNCO 4-BR Units	FA	1 --	143,596	(144)
			Total	646

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

SNCO	4	1863	2310	215	0.87	$764	1	$144
SNCO	3	1500	1860	173	0.87	$764	96	$11,092
SNCO	4	1734	2150	200	0.87	$764	35	$4,675
SNCO	5	2024	2510	233	0.87	$764	37	$5,758
JNCO	3	1315	1630	151	0.87	$764	26	$2,622
JNCO	5	1855	2300	214	0.87	$764	19	$2,716
						TOTAL	218	$27,509

PROJECT: Whole neigborhood revitalization by construction of 218 replacement family quarters to include neighborhood amenities and supporting facilities, all to current standards. Demolition of 298 units will be accomplished with this project. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for 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 existing family housing in Jefferson Terrace was constructed between 1957 and 1959, as 258 two-, three- and four-bedroom, four-plex townhouse units. These two story units have had no significant improvement since original construction, are inadequately sized, lack family rooms, have deteriorating "built up" roofs, lack adequate parking, and have ungrounded electrical wiring systems. Some asbestos and lead-based paint is also present in these units. In the Jefferson Terrace housing area, there is a lack of appropriate strormwater control devices, roads and sidewalks are in need of resurfacing, and there is a deficiency of required tot lots and recreational facilities. The existing family housing in Madison Park was constructed in 1961 and is in similar condition. This project will demolished 40 of the 292 total units in Madison Park.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers and their families will continue to reside in inadequate housing, adversely affecting the health, safety and quality of life of these families. Existing housing can not economically be revitalized to be comparable to the standards of private housing off-post. Further use of the housing will result in higher operating

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Lee, Virginia	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60533

IMPACT IF NOT PROVIDED: (CONTINUED)
and maintenance costs and continued deterioration of the facilities.
ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows construction to be more cost effective than all other feasible alternatives. 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.

Installation Engineer: Mr. Greg White
Phone Number: 804-734-4015

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005			REPORT CONTROL SYMBOL: P&L (AR) 1716
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Fort Lee A51315			b. LOCATION: Fort Lee VA 23801				
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	1,070	2,845	4,173	8,088	1,059	1,753	5,353	8,165
7. PERMANENT PARTY PERSONNEL	914	2,337	417	3,668	915	2,367	422	3,704
8. GROSS FAMILY HOUSING REQUIREMENTS	816	2,006	151	2,973	816	2,029	153	2,998
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	0	0	0				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY				0				
10. VOLUNTARY SEPARATIONS	25	129		154	25	129		154
11. EFFECTIVE HOUSING REQUIREMENTS	791	1,877	151	2,819	791	1,900	153	2,844
12. HOUSING ASSETS (a + b)	815	1,896	191	2,902	811	1,888	277	2,976
a. UNDER MILITARY CONTROL	372	899	53	1,324	348	844	132	1,324
(1) Housed in Existing DOD Owned/Controlled	348	880	13	1,241	348	844	132	1,324
(2) Under Contract / Approved								0
(3) Vacant	24	19	40	83				
(4) Inactive				0				
b. PRIVATE HOUSING	443	997	138	1,578	463	1,044	145	1,652
(1) Acceptably Housed	443	997	138	1,578				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(24)	(19)	(40)	(83)	(20)	12	(124)	(132)
14. PROPOSED PROJECT						218		218

15. REMARKS (Specify item number)

Line 14: This project demolishes 298 uneconomical to repair units and replaces them with 45 Junior NCO units and 173 Senior NCO units.

Junior NCO 19 4 Bedroom Units
26 3 Bedroom Units

Senior NCO 37 5 Bedroom Units
36 4 Bedroom Units
100 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE
ARMY		FEBRUARY 2004

3. INSTALLATION AND LOCATION	4. COMMAND	5. AREA CONSTRUCTION COST INDEX
Fort Monroe Virginia	US Army Training and Doctrine Command (Installation Mgt Agency, Northeast Region)	0.94

6. PERSONNEL STRENGTH:

	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2003	510	322	1321	5	4	4	160	139	752	3,217
B. END FY 2009	541	548	1864	9	9	2	155	129	752	4,009

7. INVENTORY DATA ($000)

A. TOTAL AREA.....	433 ha (1,070 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2003.....		448,027
C. AUTHORIZATION NOT YET IN INVENTORY.....		12,600
D. AUTHORIZATION REQUESTED IN THE FY 2005 PROGRAM.....		16,000
E. AUTHORIZATION INCLUDED IN THE FY 2006 PROGRAM.....		0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		19,400
H. GRAND TOTAL.....		496,027

8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2005 PROGRAM:

CATEGORY CODE	PROJECT NUMBER	PROJECT TITLE	COST ($000)	DESIGN STATUS START	DESIGN STATUS COMPLETE
711	60772	Family Housing Replacement Con	16,000		TURNKEY
		TOTAL	16,000		

9. FUTURE PROJECT APPROPRIATIONS:

CATEGORY CODE	PROJECT TITLE	COST ($000)
A. INCLUDED IN THE FY 2006 PROGRAM: NONE		
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
C. DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		21,026

10. MISSION OR MAJOR FUNCTIONS:

Provide quality base operations support to Department of Defense personnel and activities through facilities, infrastructure, well-being, and force protection.

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

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

1. COMPONENT ARMY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. DATE FEBRUARY 2004

INSTALLATION AND LOCATION: Fort Monroe Virginia

REMARKS :

The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent family housing facilities at this installation is $21,026,000 based on the Installation Status Report (ISR) information on conditions as of August 2003.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Monroe Virginia	Family Housing Replacement Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88741A	711	60772	Auth 16,000 Approp 16,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,883
Family Housing, 3 BR SNCO	FA	8 --	129,250	(1,034)
Family Housing, 4 BR SNCO	FA	10 --	149,400	(1,494)
Family Housing, 3 BR Co Gr; WO	FA	10 --	129,300	(1,293)
Family Housing, 3 BR Field Grad	FA	18 --	140,444	(2,528)
Family Housing, 4 BR Field Grad	FA	22 --	160,636	(3,534)
SUPPORTING FACILITIES				4,351
Electric Service	LS	--	--	(795)
Water, Sewer, Gas	LS	--	--	(690)
Paving, Walks, Curbs & Gutters	LS	--	--	(375)
Storm Drainage	LS	--	--	(320)
Site Imp(1,030) Demo(1,141)	LS	--	--	(2,171)
ESTIMATED CONTRACT COST				14,234
CONTINGENCY PERCENT (5.00%)				712
SUBTOTAL				14,946
SUPV, INSP & OVERHEAD (5.70%)				852
DESIGN/BUILD - DESIGN COST				374
TOTAL REQUEST				16,172
TOTAL REQUEST (ROUNDED)				16,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole neighborhood revilization by construction of 68 senior non-commisioned officer, company grade and field grade officer family housing units built to current standards to replace 106 existing quarters built in 1952, which are uneconomical to revitalize. Construction, either factory built/manufactured and/or conventionally built on-site, consists of variously configured single or multi-family three-level homes that have alley loaded entry garages on the first floor, common space areas (such as living room, dining room and kitchen) on the second floor, and sleeping quarters on the third floor. The handicapped accessible single-family homes will be one story structures with side-loaded garages. 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 including curbs and gutters, sidewalk additions and expansion and revitilization of existing recreation amenities. At least five percent of these units will be accessible and easily modifiable to accomodate the requirements of the handicapped.

1.COMPONENT	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Monroe, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60772

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

Grade	No of Bedrooms	Net SF	Gross SF	Gross SM	Project Factor	$/GSM	No of Units	Total ($000)
SRNCO	3	1500	1860	173	0.978	764	8	1,034
SRNCO	4	1734	2150	200	0.978	764	10	1,494
CGO/WO	3	1500	1860	173	0.978	764	10	1,293
FGO	3	1629	2020	188	0.978	764	18	2,528
FGO	4	1863	2310	215	0.978	764	22	3,534
						Total:	68	9,883

PROJECT: Whole neighborhood revilization by construction of 68 senior non-commissioned officer, company grade and field grade officer replacement family quarters, to include neighborhood amenities and supporting infrastructure, all to current standards, plus the demolition of 106 existing inadequate units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for senior non-commissioned officer, company and field grade 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 current housing quarters are leased Wherry housing quarters that do not meet current housing standards and have inadequate living, storage, bath, laundry and closet spaces. Asbestos and lead paint have been identified in these quarters. Interior finishes are old and are in dire need of replacement. The existing conditions require excessive recurring maintenance and negatively impact the integrity of the quarters and also the morale and quality of life for the soldiers and family members living in these poor and potentialy dangerous conditions. The configuration of the units does not meet current housing standards. There are no existing carports or garages and very little designated of street parking. Sidewalks exist but are inadequate and do not meet the current standards and only exist along the main thoroughfare.

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 life of these soldiers and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows replacement

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Monroe, Virginia

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Replacement Construction	60772

ADDITIONAL: (CONTINUED)

construction to be more cost effective than all other feasible alternatives. Sustainable principles will be integrated into the development, design and construction 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 avaiulable for use by other components.

Installation Engineer: LTC Craig Simoneau
Phone Number: 757-788-3807

MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT: February 2004	2. FISCAL YEAR: 2005			REPORT CONTROL SYMBOL: P&L (AR) 1716
3. DOD COMPONENT: ARMY	4. REPORTING INSTALLATION							
	a. NAME: Fort Monroe A51360			b. LOCATION: Fort Monroe VA 23651				
5. DATA AS OF								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	675	327	138	1,140	705	610	76	1,391
7. PERMANENT PARTY PERSONNEL	465	318	38	821	462	339	42	843
8. GROSS FAMILY HOUSING REQUIREMENTS	415	250	19	684	413	262	21	696
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	0	73	0	73				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		73		73				
10. VOLUNTARY SEPARATIONS	15	11		26	15	11		26
11. EFFECTIVE HOUSING REQUIREMENTS	400	239	19	658	398	251	21	670
12. HOUSING ASSETS (a + b)	417	169	19	605	398	196	21	615
a. UNDER MILITARY CONTROL	98	80	5	183	98	80	5	183
(1) Housed in Existing DOD Owned/Controlled	81	77	5	163	98	80	5	183
(2) Under Contract / Approved								0
(3) Vacant	17	3		20				
(4) Inactive				0				
b. PRIVATE HOUSING	319	89	14	422	300	116	16	432
(1) Acceptably Housed	319	89	14	422				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	(17)	70	0	53	0	55	0	55
14. PROPOSED PROJECT					40	18		58

15. REMARKS (Specify item number)

Line 14: This project demolishes 106 uneconomical to repair units and replaces them with 18 Senior NCO units, 10 Company Grade units, and 30 Field Grade units.

Senior NCO 10 4 Bedroom Units
8 3 Bedroom Units

Company Grade 10 3 Bedroom Units

Field Grade 22 4 Bedroom Units
18 3 Bedroom Units

DD Form 1523, NOV 90 *Previous editions are obsolete*

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION

($ in Thousands)	
FY 2005 Authorization Request	$211,990
FY 2005 Appropriation Request	$211,990
FY 2004 Appropriation	$130,430

PURPOSE AND SCOPE

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

In FY 2005, the Army will operate and maintain an inventory of approximately 57,497 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.

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. Three post-acquisition construction projects at U.S. locations are included in this request.

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. Six privatization projects are included in this request.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION (continued)

Two overseas, post-acquisition construction projects at enduring locations 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 12,781 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 2005 BUDGET ESTIMATE
POST-ACQUISITION CONSTRUCTION (continued)

Location	Historic	Type	No. of Units	Amount ($000)
Fort Riley, KS	No	JNCO/SNCO	434	30,000
West Point, NY	No	CGO/FGO	48	10,600
Fort Jackson, SC	No	JNCO/SNCO	298	20,000
Grafenwoehr, GE	No	JNCO	48	5,300
Stuttgart, GE	No	JNCO/FGO	47	9,500
Subtotal			875	75,400

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:

Privatization:				
Fort Rucker, AL	Some	All Grades	1,516	24,000
Redstone Arsenal, AL	Some	All Grades	503	590
Fort Benning, GA	Some	All Grades	4,055	57,000
Fort Gordon, GA	Some	All Grades	872	9,000
Fort Leavenworth, KS	Some	All Grades	1,580	15,000
Fort Knox, KY	Some	All Grades	3,380	31,000
Subtotal			11,906	136,590
Total Post-Acquisition			12,781	211,990

Type: FGO – Field Grade Officer CGO - Company Grade Officer
SNCO - Senior NCO JNCO - Junior NCO
SO – Senior Officer

FUNDING SUMMARY

Construction Improvements Program ($000)	Requested Authorization Amount ($000)
$211,990	$211,990

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Various Locations - Continental and Overseas	Army Family Housing Post Acquisition Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	AFH	Auth Approp 211,990

9.COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
Post Acquisition Construction Improvements	LS			75,400
Privatization using Alternative Authorities for Improvement	LS			136,590
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)	LS			0
Total				211,990

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 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	**FY** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Aquisition Construction	

11. REQUIREMENTS: The many acquisitions of the 1950s and 1960s have left a legacy of houses that are over forty 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.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction	ECIP	CWE ($000) Total
Alabama			
Redstone Arsenal			
(Project Number 57810)	590		
Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 503 units. (Separate DD Form 1391 is attached).			
Installation Total			590
Alabama			
Fort Rucker			
(Project Number 57815)	24,000		
Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 1,516 units. (Separate DD Form 1391 is attached).			
Installation Total			24,000
Georgia			
Fort Benning			
(Project Number 57812)	57,000		
Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 4,055 units. (Separate DD Form 1391 is attached).			
Installation Total			57,000
Georgia			
Fort Gordon			
(Project Number 57814)	9,000		
Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 872 units. (Separate DD Form 1391 is attached).			
Installation Total			9,000

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project

	Post Acquisition Construction	ECIP	CWE ($000) Total
Kansas			
Fort Leavenworth			
(Project Number 58557)	15,000		

Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 1,580 units. (Separate DD Form 1391 is attached).

Installation Total 15,000

Kansas
Fort Riley
(Project Number 60223) 30,000

Whole neighborhood revitalization junior and senior enlisted family housing to current standards including energy conservation, and supporting infrastructure and neighborhood amenities for a community of 1,275 units including those being revitalized - 434 units. (Separate DD Form 1391 is attached).

Installation Total 30,000

Kentucky
Fort Knox
(Project Number 58556) 31,000

Privatization of family housing using alternative authorities for improvement and acquisition of military housing - 3,380 units. (Separate DD Form 1391 is attached).

Installation Total 31,000

New York
United States Military Academy
(Project Number 47414) 10,600

Whole house revitalization of officer and noncommissioned officer family houisng to current standards including energy conservation and supporting infrastructure - 48 units. (Separate DD Form 1391 is attached).

Installation Total 10,600

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project	Post Acquisition Construction	ECIP	CWE ($000) Total
South Carolina			
Fort Jackson			
(Project Number 60215)	20,000		
Whole neighborhood revitalization of junior and senior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 298 units. (Separate DD Form 1391 is attached).			
Installation Total			20,000
USA TOTALS	197,190		197,190

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Various Locations - Continental and Overseas

4.PROJECT TITLE	5.PROJECT NUMBER
Army Family Housing Post Acquisition Construction	

DESCRIPTION OF WORK TO BE ACCOMPLISHED

Country/State Installation and Project	Post Acquisition Construction	ECIP	CWE ($000) Total
Germany (Note: All projects are priced at $1 = 1.0314 EURO)			
Grafenwoehr			
(Project Number 59138)	5,300		

Whole neighborhood revitalization of junior noncommissioned officer stairwell type apartments to current standards, including energy conservation and supporting infrastructure and neighborhood amenities for a comunity of 118 units including those being revitalized - 48 units. No improvements of major repairs have been accomplished to these units in the past three years, not are any planned for the following three years. (Separate DD Form 1391 is attached).

Installation Total			5,300
Germany (Note: All projects are priced at $1 = 1.0314 EURO)			
Stuttgart			
(Project Number 60782)	9,500		

Whole neighborhood revitalization of field grade officer and junior noncommissioned officer stairwell apartment type family housing dwelling units to current standards, including energy conservation and supporting infrastructure and neighborhood amenities for a community of 288 units including those being revitalized - 47 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).

Installation Total			9,500
Germany Total			14,800
OVERSEAS TOTALS	14,800		14,800
Total USA and Overseas	211,990		211,990

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Redstone Arsenal Alabama	Family Housing Privatization

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	57810	Auth 590 Approp 590

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				590
Privatize Family Housing	FA	503 --	1,173	(590)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				590
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				590
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				590
TOTAL REQUEST (ROUNDED)				590
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

During FY 2005, the Army will privatize family housing at Redstone Arsenal, Alabama. 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 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Redstone Arsenal, Alabama

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Privatization	57810

CURRENT SITUATION: 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 202 of Redstone Arsenal's inventory of 503 units are inadequate. There is a projected surplus of 41 family housing units at Redstone Arsenal. The Army's Installation Status Report (ISR) indicates that approximately 71% 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.

ADDITIONAL: 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 20 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: Joey B. Skinner
Phone Number: 256-955-8830

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Rucker Alabama	Family Housing Privatization

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	57815	Auth 24,000 Approp 24,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				23,950
Privatize Family Housing	FA	1,516 --	15,798	(23,950)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				23,950
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				23,950
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				23,950
TOTAL REQUEST (ROUNDED)				24,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

During FY 2005, the Army will privatize family housing at Fort Rucker, Alabama. 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, scoring 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 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Rucker, Alabama

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Privatization	57815

CURRENT SITUATION: 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 1,036 of Fort Rucker's inventory of 1,516 units are inadequate. There is no family housing deficit at Fort Rucker. The Army's Installation Status Report (ISR) indicates that approximately 71% 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 in adequate family housing by 2007, adversely affecting the health, safety and quality of life of the occupants.

ADDITIONAL: 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 140 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 Edwin Janasky
Phone Number: 334-255-2113

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Benning Georgia	Family Housing Privatization

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	57812	Auth 57,000 Approp 57,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				57,001
Privatize Family Housing	FA	4,055 --	14,057	(57,001)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				57,001
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				57,001
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				57,001
TOTAL REQUEST (ROUNDED)				57,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

During FY 2005, the Army will privatize family housing at Fort Benning, Georgia. 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 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Privatization	57812

CURRENT SITUATION: 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 3,800 of Fort Benning's inventory of 4,055 units are inadequate. There is no family housing deficit at Fort Benning. The Army's Installation Status Report (ISR) indicates that approximately 71% 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.

ADDITIONAL: 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 340 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: Gregory S. Kuhr
Phone Number: 706-545-2292

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Gordon Georgia	Family Housing Privatization

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	57814	Auth 9,000 Approp 9,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,000
Privatize Family Housing	FA	872 --	10,321	(9,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				9,000
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				9,000
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				9,000
TOTAL REQUEST (ROUNDED)				9,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

During FY 2005, the Army will privatize family housing at Fort Gordon, Georgia. 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** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Gordon, Georgia

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Privatization	57814

CURRENT SITUATION: 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 592 of Fort Gordon's inventory of 872 units are inadequate. There is no family housing deficit at Fort Gordon. The Army's Installation Status Report (ISR) indicates that approximately 71% 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.

ADDITIONAL: 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 56 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 Michael DeBow
Phone Number: 706-791-3225

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Leavenworth Kansas	Family Housing Privatization

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	58557	Auth 15,000 Approp 15,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				14,999
Privatize Family Housing	FA	1,580 --	9,493	(14,999)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				14,999
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				14,999
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				14,999
TOTAL REQUEST (ROUNDED)				15,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

During FY 2005, the Army will privatize family housing at Fort Leavenworth, Kansas. 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** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Leavenworth, Kansas

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Privatization	58557

CURRENT SITUATION: 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 1,227 of Fort Leavenworth's inventory of 1,580 units are inadequate. There is a projected deficit of 3 family housing units at Fort Leavenworth. The Army's Installation Status Report (ISR) indicates that approximately 71% 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 inadequate family housing by 2007, adversely affecting the health, safety and quality of life of the occupants.
ADDITIONAL: 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 80 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: LTC Harold W. Waugh
Phone Number: 913-684-5646

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Riley Kansas	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	60223	Auth 30,000 Approp 30,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,334
Revitalize JNCO 2-BR Units	FA	144 --	42,449	(6,113)
Revitalize JNCO 4-BR Units	FA	77 --	41,795	(3,218)
Revitalize SNCO 4-BR Units	FA	206 --	51,469	(10,603)
Revitalize SNCO 5-BR Units	FA	7 --	57,186	(400)
SUPPORTING FACILITIES				6,604
Electric Service	LS	--	--	(2,031)
Water, Sewer, Gas	LS	--	--	(1,380)
Paving, Walks, Curbs & Gutters	LS	--	--	(523)
Storm Drainage	LS	--	--	(568)
Site Imp(2,102) Demo( )	LS	--	--	(2,102)
ESTIMATED CONTRACT COST				26,938
CONTINGENCY PERCENT (5.00%)				1,347
SUBTOTAL				28,285
SUPV, INSP & OVERHEAD (5.70%)				1,612
TOTAL REQUEST				29,897
TOTAL REQUEST (ROUNDED)				30,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization of 434 junior and senior enlisted family quarters consisting of 221 junior noncommissioned officer (JNCO)units (144 two-bedroom and 77 four-bedroom) and 213 senior noncommissioned officer (SNCO) units (206 four-bedroom and 7 five-bedroom) constructed in 1976 in Camp Forsyth (141 units) and Custer Hill (293 units) neighborhoods. Work includes: repair or replace windows and doors; fire, health and life safety upgrades; add family rooms where appropriate; some asbestos and lead-based paint abatement and radon mitigation. Exterior work includes: exterior wall finish repairs; providing patios and privacy fencing; providing trash enclosures; repairing or replacing some roofs. Although this project only includes revitalization work for 434 housing units in Forsyth and a portion of the Custer Hill Neighborhood, work on some of the supporting facilities will be spread across a larger portion of the neighborhoods. Burying overhead electric and replacement of water laterals will be provided for the 1,275 housing units in the entire neighborhood of Camp Forsyth and in the McClellan Heights, Burnside Heights, and Meade Heights sections of Custer Hill. All other supporting facility work including replacing street lighting, resurfacing roads, repairing sidewalks and paths, parking upgrades, repairing storm drainage system, repairing or replacing

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
recreation courts and fields, bus stop shelters, and improvements to landscaping will be provided for the 758 housing units in all of Camp Forsyth and the McClellan Heights portion of Custer Hill.

PROJECT: Whole neighborhood revitalization of 434 family housing units to current standards including energy conservation, plus upgrade of neighborhood amenities and supporting infrastructure as required for up to 1,275 units in the associated neighborhoods. (Current Mission)
REQUIREMENT: This project is required to improve existing family housing living conditions by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety.
CURRENT SITUATION: The 434 existing quarters were built in 1976 in Camp Forsyth and Custer Hill and have not had major improvements since their construction, but are structurally sound. Revitalization of the units is more economical than replacement. Most of the units are adequately sized, however, may need to be reconfigured to provide family rooms. There is a need for additional three- and five-bedroom SNCO units in Camp Forsyth. Some of the smaller SNCO four-bedroom units can be converted to three-bedroom units and a few of the larger units converted to five-bedroom units to accommodate this need. Asbestos, lead-based paint, and radon have been identified in these quarters, and rust found in some of the water. Windows and doors need to be repaired or replaced, and roofs and exterior finish repairs are also needed. Most units do not have patios, privacy fences or garages, and fire, health and life safety features need upgrading. Overhead electric needs to be replaced, as well as the water and sewer laterals. Exterior lighting needs to be changed to residential type posts and lamps and many of the roads need resurfacing. Additional tot lots, pathways, and open areas must be provided, as well as additional signage and bus stops throughout the community.
IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these 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 measures are required. The economic analysis shows improvement to be the more cost effective than all other feasible alternatives. 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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Riley, Kansas	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	60223

ADDITIONAL: (CONTINUED)
components.

Installation Engineer: LTC Wesley B. Anderson
Phone Number: 785-239-3906

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Knox Kentucky	Family Housing Privatization

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	58556	Auth 31,000 Approp 31,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				31,001
Privatize Family Housing	FA	3,380 --	9,172	(31,001)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				31,001
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				31,001
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				31,001
TOTAL REQUEST (ROUNDED)				31,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

During FY 2005, the Army will privatize family housing at Fort Knox, Kentucky. 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** 2005 **MILITARY CONSTRUCTION PROJECT DATA**	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Knox, Kentucky

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Privatization	58556

CURRENT SITUATION: 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 3,007 of Fort Knox's inventory of 3,380 units are inadequate. There is a projected surplus of 392 family housing units at Fort Knox. The Army's Installation Status Report (ISR) indicates that approximately 71% 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.

ADDITIONAL: 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 160 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 Joseph V. Muscarella
Phone Number: 502-624-2151

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
United States Military Academy New York	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	47414	Auth 10,600 Approp 10,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,551
Family Housing, Colonel	FA	37 --	203,000	(7,511)
Family Housing, Field Grade	FA	6 --	190,000	(1,140)
Family Housing, Company Grade a	FA	5 --	180,000	(900)
SUPPORTING FACILITIES				87
Water, Sewer, Gas	LS	--	--	(55)
Paving, Walks, Curbs & Gutters	LS	--	--	(32)
ESTIMATED CONTRACT COST				9,638
CONTINGENCY PERCENT (5.00%)				482
SUBTOTAL				10,120
SUPV, INSP & OVERHEAD (5.70%)				577
TOTAL REQUEST				10,697
TOTAL REQUEST (ROUNDED)				10,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Whole house revitalization of 48 family quarters, including 37 senior officer historic family quarters in the Old English north and south housing areas and Professor's Row, 6 field grade officer units on Bartlett Loop and 5 other company grade and noncommissioned officer units (bldgs 61,109, 146, and 374). Two units in Old English South and one on Bartlett Loop will be made handicapped accessible. Interior work in all units includes complete renovation of kitchens and baths, and installation of central air conditioning. Upgrade plumbing, heating, fire protection and electrical systems to meet all current codes, livability, fire and safety standards. Lead based paint and asbestos abatement throughout interior including basements. Installation of passive radon system piping in all quarters and active system in quarters which exceed EPA and Army level standards. Repair all chimneys and install stainless steel liners where needed. Remove loose, cracked and or detached plaster and replace with gypsum board, replace/install telephone and cable TV outlets and paint interior. Twenty six units require exterior repairs to include repair/replace any rotted, missing and or damaged wood; repair/replace roofs and install snow and ice guards; exterior painting; replace/refinish exterior doors as required. All chimneys re-pointed as required. Repair all exposed masonry or stone

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	47414

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

surfaces. Repair/replace all gutters, leaders and downspouts. Replace windows with energy efficient window/screen units. Repair garages in Old English as necessary and install electricity. Install exterior lighting on 116 A&B to match 118 A&B. LBP abatement on exterior. Install trash enclosures for Bartlett Loop and Quarters 103, 105 and 107. Replace sanitary sewer and sidewalks. On Bartlett Loop, provide/replace Bilko basement doors and basement entrances, install basement lighting and replace wood proch and steps. Add bathrooms to quarters 61, 146 and 374. Restore bldg 109 from a four-plex to its original use as a duplex to include reopening of stairwells, replacement of bulustrades, realignment of rear stairways and converting upstairs kitchens to baths.

PROJECT: Whole house revitalization of 48 senior officer, field grade, company grade and noncommissioned officer historic family quarters to current standards. (Current Mission)

REQUIREMENT: This project is required to improve living conditions of these historic family quarters to current standards of comfort, habitability, safety, energy conservation and to extend the life of the houses commensurate with historic preservation standards.

CURRENT SITUATION: These Old English and Professors Row family housing were built in the 1800’s and are located within a National Historic Landmark. They are English Tudor in design and contain between 4,000 to 6,000 net square feet with 5 to 8 bedrooms and 3 to 4 bathrooms. The other units are approximately 1,400 net square feet with small units in bldg 109. All are located within the historic district. Existing kitchen and bathroom fixtures and accessories are worn and deteriorated. The electrical system is inadequate and they lack air conditioning. Plaster walls and ceilings are cracked and lead based paint abatement is required. Air leaks around the windows in Professor’s Row houses. Exterior paint is peeling, and roofs, gutters and leaders are deteriorated and damaged by snow and ice buildup. Quarters 61, 146 and 374 lack bathrooms and quarters 109 is poorly configured and undersized with one apartment of only one bedroom.

IMPACT IF NOT PROVIDED: If this project is not provided, these family quarters will continue to deteriorate causing increased maintenance and energy costs. These conditions adversely affect the morale, health, safety and quality of life of the occupants.

ADDITIONAL: These houses units are located within a National Historic Landmark. 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 development, design and construction of this project in accordance with Executive Order 13123 and other applicable laws and executive orders.

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

United States Military Academy, New York

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	47414

ADDITIONAL: (CONTINUED)

JOINT USE CERTIFICATION: The Duputy 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 Thomas F. Julich
Phone Number: 845-938-3415

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Fort Jackson South Carolina	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	60215	Auth 20,000 Approp 20,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				15,408
Revitalize JENL 2-BR Units	FA	10 --	27,622	(276)
Revitalize JNCO 2-BR Units	FA	96 --	37,714	(3,621)
Revitalize JNCO 3- BR Units	FA	28 --	39,738	(1,113)
Revitaize JNCO 4-BR Units	FA	5 --	59,571	(298)
Revitalize JNCO 5-BR Units	FA	20 --	71,222	(1,424)
Total from Continuation page				(8,676)
SUPPORTING FACILITIES				2,951
Electric Service	LS	--	--	(240)
Water, Sewer, Gas	LS	--	--	(1,043)
Paving, Walks, Curbs & Gutters	LS	--	--	(352)
Site Imp(688) Demo(628)	LS	--	--	(1,316)
ESTIMATED CONTRACT COST				18,359
CONTINGENCY PERCENT (5.00%)				918
SUBTOTAL				19,277
SUPV, INSP & OVERHEAD (5.70%)				1,099
TOTAL REQUEST				20,376
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization of 298 enlisted family quarters consisting of 10 junior enlisted (JENL) two-bedroom units, 149 Junior noncommissioned officer (JNCO) units (96 two-bedroom, 28 three-bedroom, 5 four-bedroom, and 20 five-bedroom), 139 senior noncommissioned officer (SNCO) units (92 three-bedroom, 33 four-bedroom, and 14 five-bedroom), all to current standards. These units are located in the Pierce Terrace neighborhoods and were constructed between 1966 and 1974. Major work associated with the units includes: repairing or replacing exterior wall finish; upgrading fire and life safety features; upgrading kitchens and baths; expanding or converting units to provide family rooms, appropriate storage space, and laundry and bath facilities; providing appropriate landscaping; installing privacy fences; providing trash enclosures; and installing garages for residents. This project will bring these units in line with projected family requirements including including combining 36 two-bedroom units to create 18 of the required five-bedroom units as well as thinning the area by demolition of 56 surplus units. Work on supporting facilities include upgrading water and sewer systems, providing adequate pedestrian lighting, repair of sidewalks and paths, addition of recreation facilities, signage and a bus stop.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Fort Jackson, South Carolina

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	60215

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Revitalize SNCO 3-BR Units	FA	92 --	58,529	(5,385)
Revitalize SNCO 4-BR Units	FA	33 --	61,340	(2,024)
Revitalize SNCO 5-BR Units	FA	14 --	90,476	(1,267)
			Total	8,676

PROJECT: Whole neighborhood revitalization of 298 junior and senior enlisted family quarters to include neighborhood amenities and supporting facilities, all 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 units in the Pierce Terrace family housing areas were constructed between 1966 and 1974. None of these units have been renovated since their construction. These units are structurally sound, however, deterioration due to age must be addressed. Those units that are inadequately sized, will be expanded to provide required living space. Exterior finishes must be repaired of replaced, including windows and doors to improve energy efficiency and maintainability. Kitchens are worn and require upgrade including floors, counters and cabinets. Family rooms, garages, adequate storage and laundry facilities, and privacy fences are lacking. Deteriorated roofs require replacement and landscaping is inadequate. Neighborhood streetlighting is inadequate; sidewalks and paths are deteriorated; and recreation facilities, signage and bus shelters are inadequate for community requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, military families will continue to live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. These conditions will adversely affect the morale, health, safety, and quality of life of these families and they will not have adequate or functional housing in which to live.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The economic analysis shows revitalization to be the more cost effective than all other feasible alternatives. 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

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	
Fort Jackson, South Carolina	
4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	60215

ADDITIONAL: (CONTINUED)
(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. Doug Burchett
Phone Number: 803-751-7640

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
East Camp Grafenwoehr Germany (Grafenwoehr)	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	59138	Auth 5,300 Approp 5,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,272
Add laundry w/in 2BR units	FA	24 --	7,000	(168)
Reconfigure 3-BR Units	FA	12 --	98,319	(1,180)
Reconfigure 5-BR Units	FA	12 --	157,322	(1,888)
Building Information Systems	LS	--	--	(36)
SUPPORTING FACILITIES				1,439
Electric Service	LS	--	--	(148)
Water, Sewer, Gas	LS	--	--	(212)
Paving, Walks, Curbs & Gutters	LS	--	--	(400)
Site Imp(250) Demo( )	LS	--	--	(250)
Information Systems	LS	--	--	(12)
renovate building exteriors	LS	--	--	(417)
ESTIMATED CONTRACT COST				4,711
CONTINGENCY PERCENT (5.00%)				236
SUBTOTAL				4,947
SUPV, INSP & OVERHEAD (6.50%)				322
TOTAL REQUEST				5,269
TOTAL REQUEST (ROUNDED)				5,300
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides whole neighborhood revitalization of 48 junior noncommissioned officer (JNCO) apartments (24 two-bedroom, 12 three-bedroom, and 12 five-bedroom units) in four multi-story stairwell apartment buildings constructed in 1955 and 1972, including provisions for neighborhood amenities and supporting infrastructure for twenty-three buildings, all to current standards. This project reconfigures 36 undersized two-, three- and four-bedroom apartments in two unrenovated buildings to provide 24 adequate apartments (12 each three- and five-bedroom units). Work includes repair or replace failed and failing kitchens, baths, flooring, heating and interior plumbing systems, closets, doors, windows, removal of asbestos and lead paint contaminations, 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 basement and storage areas including moisture protection/redirection and water proofing. Private laundries and second baths will be included within the reconfigured apartments. This project also adds laundries within 24 two-bedroom units in the other two buildings, renovated in 1999 but still lacking private laundries. Supporting facility work is included in this project for about half this housing area, involving a total of 118 units in twenty-three buildings.

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	59138

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
This 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.

PROJECT: Whole neighborhood revitalization of 48 junior noncommissioned officer family units in four multi-story stairwell apartment buildings to current standards, including energy efficiency, plus neighborhood amenities and supporting infrastructure for a total of 118 units in twenty-three buildings. (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.
CURRENT SITUATION: The four multi-story apartment buildings consist of 30 two-bedroom units at 86 to 99 GSM (840 to 969 NSF); 18 three-bedroom units at 99 to 109 GSM (969 to 1,066 NSF); and 12 four-bedroom units at 114 GSM (1,119 NSF). None of the undersized units can be made adequate without combining apartments. In addition, two of the buildings (12 apartments each) were renovated in 1999 to replace kitchens and bathrooms, plumbing, heating, and electrical systems but without adding laundries or second baths, however, they consist of the larger two- and three-bedroom units which (with the addition of private laundries) can adequately house two-bedroom families. The other two buildings have not been renovated since original constructed in 1955, and consist of 6 each undersized two-, three-, and four-bedroom apartments, a total of 18 units each, and will be combined to provide 12 adeqaute apartments per building. These stairwell units still have shared basement laundry and only one bathroom which does not meet the current standard requiring private laundry in all units and second bathroom in units with three or more bedrooms. 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.
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. Maintenance and energy costs will continue to escalate.
ADDITIONAL: 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 installation affected by this project. This project has been carefully crafted to strictly add bathrooms and

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

East Camp Grafenwoehr, Germany (Grafenwoehr)

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	59138

ADDITIONAL: (CONTINUED)
laundries where appropriate and to reconfigure apartments only as necessary. There are no other viable alternatives to meet this requirement. Sustainable principles will be integrated into the development, design and construction 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.
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: LTC DWANE E. WATSEK
Phone Number: DSN 314-475-1360

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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Patch Barracks Germany (Stuttgart)	Family Housing Improvements

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	60782	Auth 9,500 Approp 9,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,225
Revitalize 3-BR JNCO Units	FA	24 --	120,195	(2,885)
Convert 2+2-BR to 4-BR JNCO Uni	FA	12 --	142,545	(1,711)
Convert 2+2-BR to 4-BR FGO	FA	3 --	165,348	(496)
Revitalize 3-BR FGO Units	FA	6 --	131,624	(790)
Revitalize Attic 4-BR FGO Units	FA	2 --	171,438	(343)
SUPPORTING FACILITIES				2,272
Electric Service	LS	--	--	(230)
Water, Sewer, Gas	LS	--	--	(273)
Paving, Walks, Curbs & Gutters	LS	--	--	(677)
Site Imp(119) Demo( )	LS	--	--	(119)
Building Exterior Repair	LS	--	--	(973)
ESTIMATED CONTRACT COST				8,497
CONTINGENCY PERCENT (5.00%)				425
SUBTOTAL				8,922
SUPV, INSP & OVERHEAD (6.50%)				580
TOTAL REQUEST				9,502
TOTAL REQUEST (ROUNDED)				9,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for whole neighborhood revitalization of 47 enlisted and officer family quarters consisting of 36 junior noncommissioned officer (JNCO) units (24 three-bedroom and 12 four-bedroom) in 4 stairwell apartment buildings constructed in 1955, plus 11 field grade officer (FGO) units (6 three-bedroom and 5 four-bedroom) in 1 stairwell apartment building constructed in 1950, along with upgrade of neighborhood amenities and supporting infrastructure for about two thirds of the Kefurt & Craig Village, all to current standards. This project reconfigures 60 units, which have had no major renovation since construction, into 47 adequately sized units complete with second bathrooms and private laundries. Building work includes replacement of failed bathrooms, flooring, walls, ceilings, heating system, interior plumbing, closets, doors, windows, and door and window hardware; create three units that are handicapped adaptable; upgrade electrical, TV, telephone, intercom, security, fire protection, lightning protection and insulation systems; renovate common stairwell areas; roof repair/replacement, as required; repair attic and basement storage areas, including moisture protection, backflow prevention, below grade building exterior insulation and water proofing; upgrade below grade building exterior grounding grid; renovate building entryways, exterior mailboxes, intercom

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Patch Barracks, Germany (Stuttgart)

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	60782

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)
systems, and stairwells; and repair balconies. Asbestos, lead paint, and other hazardous material will be removed where encountered. Supporting neighborhood facility and site work is included in this project for the western two thirds of Kefurt and Craig Village bordered by Kurmaerkerstrasse and Katzenbachstrasse, including these 47 units plus 241 others, for a total of 288 units in 21 contiguous buildings. The neighborhood work is in accordance with the local Army Family Housing Community Plan. This supporting neighborhood work involves repairing by replacement failing building gutters and roof systems; repairing as necessary building exterior insulation, plaster and paint; upgrading and repairing as necessary utility distribution systems; upgrading parking to two spaces per dwelling unit with visitor parking; addition and upgrade of neighborhood accessory structures and site amenities including refuse recycling enclosures, outdoor storage structures, bus stops, bicycle racks, retaining walls, playgrounds, picnic pavilions, sitting areas, patio/grill areas, and community facilities; and upgrading neighborhood features including open spaces, entrances, vehicular pavements, curbs, gutters, parking islands, pedestrian walkways, lighting, signage and landscaping.

PROJECT: Whole neighborhood revitalization of 47 enlisted and officer family quarters in 5 multi-story apartment buildings, and neighborhood amenities and supporting infrastructure for 21 buildings in the Kefurt & Craig Village, all to current standards. (Current Mission).

REQUIREMENT: This project is required to improve existing conditions of family quarters to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.

CURRENT SITUATION: The 4 multi-story apartment buildings constructed in 1955 currently consist of 24 two-bedroom units at 94 GSM (923 NSF) and 24 three-bedroom units at 115 GSM (1,127 NSF). These 48 undersized apartments will be reconfigured to provide 36 adequately sized JNCO apartments consisting of 24 three-bedroom apartments of 132 GSM (1,287 NSF) and 12 four-bedroom JNCO apartments of 156 GSM (1,526 NSF). The 1 multi-story apartment building constructed in 1950 currently consists of 6 two-bedroom units at 96 GSM (935 NSF), and 6 three-bedroom units of about 133 GSM (1,299 NSF). These 12 undersized apartments will be reconfigured to provide 9 adequately sized FGO apartments consisting of 6 three-bedroom units at 144 GSM (1,409 NSF) and 3 four-bedroom units at 181 GSM (1,770 NSF), along with conversion of unoccupied attic space into 2 four-bedroom units at 188 GSM (1,835 NSF). The 5 buildings have had no major renovations since construction, but remain structurally sound. The condition of the buildings is as follows: there are no handicap accessible units available for family members who require special needs; wood parquet flooring is original, has outlived its useful life, and is in need of replacement; the kitchens are laid out inefficiently, lack adequate cabinet

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

CURRENT SITUATION: (CONTINUED)
space, do not have disposals, have aged and inadequate venting to the outside, and the cabinets, sinks, and counter tops have reached their normal life expectancy; original bathroom fixtures and finishes are worn out; heating systems must be replaced as distribution is inadequate; the electrical system is deteriorated and undersized for the increased electrical loads of today's modern family; exterior roofs, gutters, downspouts, and splash blocks are leaky or missing; building exteriors lack thermal insulation; unsightly cables, antennas, anchors, chimney stacks, coal chutes and other debris need to be removed; below ground exterior thermal insulation is missing; exterior walkways are inadequate, rundown, and patchy; parking is insufficient and inadequate to handle the normal daily parking load and visitors; streets are cracked and deteriorated, with occasional patchy repairs and some potholes; landscaping around the buildings is virtually non-existent; the front stairwell entrances are cold, austere, deteriorated, and institutional-looking, in short, very unattractive and uninviting. The existing three-bedroom units in all 5 buildings only have one bathroom; shared laundry facilities are located in dismal basements. This project includes all support facility work for the 5 buildings being revitalized plus 16 other buildings or about two thirds of the Kefurt & Craig Village. All buildings lack flammable exterior storage; only one off-street parking space is available per unit; buried water and combined sanitary/storm drainage sewer utilities systems are original, and need repairs and upgrades; during peak flows the combined storm drainage and sewage system backs up into the building basements through the storm drainage system; and failing neighborhood amenities requiring repair by replacement in this project include streets, curbs, gutters, sidewalks, parking, picnic areas, benches, playgrounds, bus stops, lighting, signage, and landscaping.

IMPACT IF NOT PROVIDED: If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members and families will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of service personnel and families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures 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. Sustainable principles will be integrated into the development, design and construction 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

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Patch Barracks, Germany (Stuttgart)

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Improvements	60782

ADDITIONAL: (CONTINUED)
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: LTC Josef R. Hallatschek
Phone Number: DSN 421-6100

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
PLANNING AND DESIGN

($ in Thousands)	
FY 2005 Authorization Request	$29,209
FY 2005 Appropriation Request	$29,209
FY 2004 Appropriation	$32,488

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 FY 2005 Planning and Design request will be used to support the Housing Privatization Initiative.

Authorization and Appropriation Request

Authorization requested for $29,209,000 and appropriation requested for $29,209,000 in FY 2005 to fund family housing construction planning and design activities excluding Housing Privatization Initiative.

PROGRAM SUMMARY

Planning and Design funds will provide for final design work on FY 2005 and FY 2006 projects, and for initial concept designs for FY 2007 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 2005 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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1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Worldwide Various Locations Worldwide Various	Family Housing Planning and Design

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
88742A	711	59052	Auth 29,209 Approp 29,209

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				29,209
Family Housing Planning & Desig	LS	--	--	(29,209)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				29,209
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				29,209
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				29,209
TOTAL REQUEST (ROUNDED)				29,209
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Provides for parametric, concept and final design of family housing new and post-acquisition projects; associated surveys; value engineering; and development of standards and criteria for Army family housing facilities and properties.

PROJECT: Planning and design funding for family housing.

REQUIREMENT: This funding is required to provide for Architect-Engineer (A-E) services for site surveys and preparation of designs and specifications for the Army family housing construction program, including value engineering, and continued development of design criteria, standards, specifications and technical manuals. Funds will be used by the US Army Corps of Engineers (USACE) for in-house designs, A-E contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2005 program; for advancement to final design of projects in FY 2006 and for initiation of design of projects in FY 2007.

IMPACT IF NOT PROVIDED: If these funds are not provided, development of family housing new and post-acquisition family housing projects will not be accomplished, preventing execution of the FY 2005, 2006 and 2007 construciton

1.COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		FEBRUARY 2004

3.INSTALLATION AND LOCATION

Worldwide Various Locations, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Family Housing Planning and Design	59052

IMPACT IF NOT PROVIDED: (CONTINUED)
programs.

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE

	($ in Thousands)
FY 2005 Budget Request	$684,229
FY 2004 Appropriation	$778,967
FY 2004 Adjusted Appropriation	$782,919

PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program provides for expenses in the following sub-accounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Referral services provide information and services to place families into privatized housing. 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 privatized housing locations.

2. Services - Provides basic installation service support functions such as refuse collection and disposal, entomology and pest control, snow removal and street cleaning. Includes the cost of family housing’s proportional share of fire and police protection.

3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings and household equipment; plus maintenance, repair, and replacement of the existing furnishings and equipment inventory.

4. Miscellaneous - Provides payments to non-Department of Defense agencies for housing units occupied by Army personnel.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the cost of utilities for privatized housing at Fort Carson.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE (continued)

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Recurring M&R Dwellings - Includes service calls, interior and exterior painting, between occupancy maintenance, and major maintenance and repair (M&R) work.

2. Major Maintenance and Repair – Major M&R work continues our revitalization program to extend the useful life of the quarters, reduce future maintenance and utility costs, and increase occupancy in the outyears.

3. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.

4. M&R, Other Real Property - Includes work on grounds, surfaced areas,tot lots and other real property serving family housing.

5. Alts. & Additions - Includes low-cost incidental (minor) improvements for less than $3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

Reimbursement Authority. This account provides authority to incur costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION, UTILITIES, AND MAINTENANCE (continued)

PROGRAM SUMMARY

Authorization and appropriation are requested for $684,229,000 for FY 2005. This amount, together with estimated reimbursements of $22,000,000 will fund the Operation, Utilities, and Maintenance program of $706,229,000. A summary follows:

($ in thousands)

Operation	Utilities	Maintenance	Total Direct	Reimburse-ments	Total Program
149,813	132,356	402,060	684,229	22,000	706,229

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)
Excludes Leased & Privatized Units and Costs
FY 2005

A. INVENTORY DATA	FY 2003 ACTUAL		FY 2004 APPROPRIATION		FY 2005 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	94,295		89,333		69,890	
INVENTORY END OF YEAR	89,333		69,890		51,995	
EFFECTIVE AVERAGE INVENTORY	93,347		75,886		57,497	
HISTORIC UNITS	3,973		3,768		3,554	
UNITS REQUIRING O&M FUNDING:						
a. Contiguous US	58,835		41,455		30,726	
b. U.S. Overseas	10,739		10,814		3,573	
c. Foreign	23,773		23,617		23,198	
d. Worldwide	93,347		75,886		57,497	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	874	81,581	1,127	85,520	1,303	74,895
b. Services	478	44,620	609	46,235	629	36,174
c. Furnishings	473	44,156	583	44,258	651	37,411
d. Miscellaneous	13	1,194	17	1,301	23	1,333
SUBTOTAL - OPERATION	1,838	171,551	2,336	177,314	2,606	149,813
2. UTILITIES	2,138	199,562	2,184	165,728	2,302	132,356
3. MAINTENANCE						
a. Annual Recurring M&R	2,284	213,220	2,308	175,167	2,804	161,236
b. Major M&R Projects	2,303	214,955	2,643	200,538	3,163	181,856
c. Exterior Utilities	233	21,766	232	17,616	264	15,208
d. M&R, Other Real Prop.	353	32,973	351	26,623	434	24,936
e. Alts. & Additions	223	20,790	263	19,933	327	18,824
SUBTOTAL MAINTENANCE	5,396	503,704	5,797	439,877	6,992	402,060
4. FOREIGN CURRENCY		[75,432]				
5. APPROPRIATION	9,372	874,817	10,317	782,919	11,900	684,229
6. REIMBURSABLE PROGRAM	184	17,155	290	22,000	383	22,000
7. TOTAL O&M PROGRAM	9,556	891,972	10,607	804,919	12,283	706,229

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION AND MAINTENANCE, SUMMARY (CONUS)
Excludes Leased & Privatized Units and Costs
FY 2005

A. INVENTORY DATA	FY 2003 ACTUAL		FY 2004 APPROPRIATION		FY 2005 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	59,828		54,773		35,431	
INVENTORY END OF YEAR	54,773		35,431		25,882	
EFFECTIVE AVERAGE INVENTORY	58,835		41,455		30,726	
HISTORIC UNITS	3,533		3,328		3,114	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	871	51,257	1,298	53,806	1,477	45,384
b. Services	462	27,200	725	30,068	790	24,267
c. Furnishings	125	7,376	166	6,881	255	7,820
d. Miscellaneous	16	913	24	984	43	1,333
SUBTOTAL - OPERATION	1,474	86,746	2,213	91,739	2,565	78,804
2. UTILITIES	1,857	109,286	2,134	88,463	2,194	67,416
3. MAINTENANCE						
a. Annual Recurring M&R	2,298	135,230	2,458	101,906	3,405	104,625
b. Major M&R Projects	1,353	79,606	1,447	59,989	2,004	61,590
c. Exterior Utilities	195	11,493	209	8,661	289	8,892
d. M&R, Other Real Prop.	392	23,083	420	17,395	581	17,859
e. Alts. & Additions	148	8,696	158	6,553	219	6,728
SUBTOTAL MAINTENANCE	4,386	258,108	4,692	194,504	6,498	199,694
4. FOREIGN CURRENCY						
5. APPROPRIATION	7,717	454,140	9,039	374,706	11,257	345,914
6. REIMBURSABLE PROGRAM	234	13,744	410	17,000	553	17,000
7. TOTAL O&M PROGRAM	7,951	467,884	9,449	391,706	11,810	362,914

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)

Excludes Leased & Privatized Units and Costs

FY 2005

A. INVENTORY DATA	FY 2003 ACTUAL		FY 2004 APPROPRIATION		FY 2005 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	10,711		10,767		10,830	
INVENTORY END OF YEAR	10,767		10,830		2,930	
EFFECTIVE AVERAGE INVENTORY	10,739		10,814		3,573	
HISTORIC UNITS	440		440		440	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	841	9,036	848	9,174	1,673	5,976
b. Services	458	4,923	378	4,087	652	2,329
c. Furnishings	485	5,208	494	5,343	844	3,017
d. Miscellaneous	26	281	29	317	0	0
SUBTOTAL - OPERATION	1,810	19,448	1,749	18,921	3,169	11,322
2. UTILITIES	2,808	30,150	2,254	24,373	2,701	9,651
3. MAINTENANCE						
a. Annual Recurring M&R	3,287	35,297	2,393	25,875	3,824	13,662
b. Major M&R Projects	2,391	25,681	1,741	18,826	2,782	9,940
c. Exterior Utilities	605	6,494	440	4,761	704	2,514
d. M&R, Other Real Prop.	432	4,640	315	3,402	503	1,796
e. Alts. & Additions	11	114	8	84	12	44
SUBTOTAL MAINTENANCE	6,726	72,226	4,897	52,948	7,825	27,956
4. FOREIGN CURRENCY						
5. APPROPRIATION	11,344	121,824	8,900	96,242	13,695	48,929
6. REIMBURSABLE PROGRAM	99	1,060	92	1,000	280	1,000
7. TOTAL O&M PROGRAM	11,443	122,884	8,992	97,242	13,975	49,929

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)
Excludes Leased & Privatized Units and Costs
FY 2005

A. INVENTORY DATA	FY 2003 ACTUAL		FY 2004 APPROPRIATION		FY 2005 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	23,756		23,793		23,629	
INVENTORY END OF YEAR	23,793		23,629		23,183	
EFFECTIVE AVERAGE INVENTORY	23,773		23,617		23,198	
HISTORIC UNITS	0		0		0	
B. FUNDING REQUIREMENT	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**	**UNIT COST ($)**	**TOTAL COST ($000)**
1. OPERATION						
a. Management	895	21,288	954	22,540	1,015	23,535
b. Services	526	12,497	511	12,080	413	9,578
c. Furnishings	1,328	31,572	1,356	32,034	1,146	26,574
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	2,749	65,357	2,821	66,654	2,574	59,687
2. UTILITIES	2,529	60,126	2,240	52,892	2,383	55,289
3. MAINTENANCE						
a. Annual Recurring M&R	1,796	42,693	2,006	47,386	1,851	42,949
b. Major M&R Projects	4,613	109,668	5,154	121,723	4,756	110,325
c. Exterior Utilities	159	3,780	178	4,195	164	3,802
d. M&R, Other Real Prop.	221	5,250	247	5,827	228	5,281
e. Alts. & Additions	504	11,980	563	13,297	520	12,052
SUBTOTAL MAINTENANCE	7,293	173,371	8,148	192,428	7,519	174,409
4. FOREIGN CURRENCY		[75,432]				
5. APPROPRIATION	12,571	298,854	13,209	311,974	12,476	289,385
6. REIMBURSABLE PROGRAM	99	2,351	169	4,000	172	4,000
7. TOTAL O&M PROGRAM	12,670	301,205	13,378	315,974	12,648	293,385

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
Exhibit PB-18

FOREIGN CURRENCY EXCHANGE DATA
($ in Thousands)

Country	FY2003		FY2004		FY2005	
	U.S. $ Requiring Conversion	Approved Execution Rates	U.S. $ Requiring Conversion	Budgeted Exchange Rates	U.S. $ Requiring Conversion	Budgeted Exchange Rates
EC	211,039	1.2403	245,951	1.0314	174,653	1.0314
Japan	5,844	135.4401	4,724	125.4900	4,790	125.4900
Korea	21,892	1378.0404	29,796	1255.0000	29,839	1255.0000
Total	238,775		280,471		209,282	

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT

($ in Thousands)	
FY 2005 Budget Request	$149,813
FY 2004 Current Estimate	$172,743
FY 2004 Appropriation	$179,030
FY 2004 Adjusted Appropriation	$177,314

Budget Methodology

The Operation Account includes four sub-accounts: management, services, furnishings, and a small miscellaneous account. All Operation sub-accounts are considered “must pay accounts” based on actual bills that must be paid to manage and operate family housing.

The management sub-account is estimated based on the prior year’s adjusted appropriation to reflect Congressional reduction and rescission. The management estimate is also adjusted for prior year actual obligations, pricing changes (includes non-pay inflation, pay inflation and foreign currency), and program adjustments, (includes staff reductions at privatized locations and associated administrative reductions).

The services sub-account is estimated based on the prior year’s adjusted appropriation to reflect Congressional reduction and rescission. The services estimate is also adjusted for prior year actual obligations, pricing changes (includes non-pay inflation and foreign currency), and program adjustments (includes inventory reduction due to privatization).

The furnishings sub-account is estimated based on prior year’s adjusted appropriation to reflect Congressional reduction and rescission. The furnishings estimate is also adjusted for prior year actual obligations, pricing changes (includes non-pay inflation, pay inflation and foreign currency), and program adjustments (includes inventory reduction based on Continental U.S., U.S. Overseas, and Foreign locations).

The miscellaneous sub-account is estimated based on prior year’s adjusted appropriation to reflect Congressional reduction and rescission. The miscellaneous estimate is also adjusted for prior year actual obligations, pricing changes (includes non pay inflation) and any known programming adjustments.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT

Maintenance and Repair(M&R)requirements are based on the Installation Status Report (ISR) which is used to establish the baseline funding required to "sustain" or prevent further deterioration. M&R funds to revitalize already deteriorated housing are added to the sustainment estimate to determine the full requirement. However, in order to fund unanticipated non-deferrable bills, M&R can be postponed or revitalization projects slipped. The result is continued deterioration of our facilities. This account has historically been decremented, thereby contributing to inadequate facilities. As with other accounts, the budget estimate considers the adjusted prior year appropriation to include Congressional reduction and rescission. The M&R estimate is also adjusted for pricing changes (includes non-pay inflation, pay inflation and foreign currency) and any known programming adjustments.

The utilities account is estimated based on prior year's adjusted appropriation to include Congressional reductions and rescissions. The utilities estimate is also adjusted for prior year actual obligations, pricing changes (includes non-pay inflation, fuel inflation, and foreign currency), and program adjustments (includes inventory reduction due to privatization and an adjustment for energy conservation).

Leasing Budget estimate is based on detailed cost projections. These projections are modified based on prior year's adjusted appropriation to include Congressional reductions and rescissions. The Leasing estimate is also adjusted for prior year actual obligations, pricing changes (includes non-pay inflation, pay inflation, and foreign currency), and known program adjustments.

Privatization support cost estimates for pay, travel, and contracts at the Headquarters management office and Residential Community Initiative (RCI) sites are based on assigned personnel and workload. Workload is driven by the number of projects in various phases of completion (planning, implementation, post-privatization). The applied cost factors are based on experience for work components of each phase. RCI projections are reconciled as other accounts by using prior year's adjusted appropriation to include Congressional reductions and

rescissions. The RCI estimate is adjusted for pricing changes (includes non-pay inflation and pay inflation), and program adjustments for number of projects in implementation phase and portfolio management phase of the project after privatization.

Summary of Primary Adjustments in FY 2005 Budget

Significant reductions have been taken in the Management Account for staff reductions due to privatization and administrative costs totaling $9.7 million. Administrative cost reductions account for more than half of the total reduction.

Inventory reductions due to privatization have reduced the Services and Furnishings accounts by $11.2 million and $6.4 million respectively. Additionally, post-privatization fire and police protection costs for several locations, formerly charged to the Services account, are phased out during FY 2005, causing the account's significant reduction.

Funding for the Miscellaneous account is primarily used to reimburse the U.S. Coast Guard for housing Army soldiers.

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT

($ in Thousands)	
FY 2005 Budget Request	$74,895
FY 2004 Current Estimate	$80,239
FY 2004 Appropriation	$86,326
FY 2004 Adjusted Appropriation	$85,520

The management sub-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 downsized 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. Personnel authorizations for after privatization were calculated on a metric of 3.5 persons per site as a base and 1 per 1000 units. At locations with deposit waivers, the base was calculated on a metric of 5.5 persons as a base. In FY04, all privatized installations took a $3,862,000 staff reduction.

The management sub-account current estimate was reduced by 2.0% due to FY03 under-execution. As a result of privatization, this account was reduced in administrative expenses that include supplies, travel, equipment, office furnishings and leases of GSA vehicles. Each privatized location’s administrative expenses are reduced for all non-pay expenses and supplies. Overall reduction to the management sub-account between FY04 APPN and FY05 Budget Estimate is 13.2%.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MANAGEMENT SUB-ACCOUNT

Cost Reductions for Staff and Administration Expenses

FY	Privatized Locations	Transfer as of June 03 *	# of Months Cost Avoidance	Pre RCI Manpower	DA Civilians Reduction	Staff Savings	Admin Reduction
FY04	FT. Campbell	Dec-03	10	26	13	546,905	558.6
	FT. Belvoir	Jan-04	9	3	0	-	1,052.9
	Ft. Irwin	Jan-04	9	6	2	75,725	613.9
	Ft. Stewart	Jan-04	9	19	7	265,038	419.1
	Ft. Eustis	Mar-04	7	7	2	58,897	175.4
	Walter Reed	Apr-04	6	5	2	50,484	97.4
	Ft. Hamilton	May-04	5	1	0	-	92.0
	Ft. Polk	Jun-04	4	17	7	117,795	147.6
	Ft. Detrick	Jun-04	4	4	2	33,656	154.7
						1,148,500	**3,311.6**
FY05	Ft. Shafter/Schofield	Nov-04	11	61	44	2,036,169	no data
	Ft. Leonard Wood	Jan-05	9	14	4	151,451	207.4
	Ft. Drum	Mar-05	7	28	20	588,974	304.2
	Ft. Sam Houston	Apr-05	6	22	14	353,385	123.6
	Carlise Bks/Picatinny/Monmouth	Jun-05	4	8	3	50,484	77.8
	Ft. Bliss	Jun-05	3	17	5	63,104	59.4
						3,243,567	**772.4**
FY04 Annualized	FT. Campbell	Dec-03	2	26	13	109,381	111.7
	FT. Belvoir	Jan-04	3	3	0	-	351.0
	Ft. Irwin	Jan-04	3	6	2	25,242	204.6
	Ft. Stewart	Jan-04	3	19	7	88,346	139.7
	Ft. Eustis	Mar-04	5	7	2	42,070	125.3
	Walter Reed AMC	Apr-04	6	5	2	50,484	97.4
	Ft. Hamilton	May-04	7	1	0	-	128.8
	Ft. Polk	Jun-04	8	17	7	235,590	295.1
	Ft. Detrick	Jun-04	8	4	2	67,311	309.3
						618,424	**1,762.9**
Total						**3,861,991****	**2,535.30****

Notes:
* Includes transition period (time from contract signing to actual possession).
** These amounts cooespond to lines 8a. and 8b. In the Exhibit OP-5 on next page.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
MANAGEMENT SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands	
1.	FY 2003 Obligation	[81,390]	
2.	FY 2004 Appropriation		86,326
3.	Congressional General Reduction		-806
4.	FY 2004 Adjusted Appropriation		85,520
5.	Reprogramming		-5,281
	a. 2.00304% FY03 under execution	-2,820	
	b. Restore Congressional Reduction	806	
	c. Updated Cost for staff at privatized locations.	45	
	d. Reduction of administrative expenses to include supplies, travel, equipment, office furnishings, and leases of GSA vehicles at privatized locations.	-3,312	
6.	FY 2004 Current Estimate		80,239
7.	Price Adjustments:		1,053
	a. Non-Pay Inflation	426	
	b. Pay Inflation	765	
	c. One less compensatory day	-138	
8.	Program adjustment:		-6,397
	a. Cost for staff at privatized locations.	-3,862	
	b. Reduction of administrative expenses to include: supplies, travel, equipment, etc.	-2,535	
9.	FY 2005 Budget Request		74,895

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUB-ACCOUNT

($ in Thousands)	
FY 2005 Budget Request	$36,174
FY 2004 Current Estimate	$46,796
FY 2004 Appropriation	$46,735
FY 2004 Adjusted Appropriation	$46,235

The FY 2005 request is based on the required level of support for refuse collection, street cleaning, police and fire protection, entomology and pest control, and custodial services. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors.

Cost growth during FY 2003 was due to municipal services cost increases in Europe, specifically, increases in garbage recycling and collection. Consequently, FY 2003 execution indicates that a higher baseline funding level for FY 2004 is necessary.

Program decrease to the Services Account is due to inventory reduction adjustments reflected by the sum of the average cost per unit. This reduction includes units to be privatized. Post privatization costs such as fire and police protection previously budgeted for Fort Carson, Fort Hood, Fort Meade and Fort Lewis are phased out during FY 2005.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
SERVICES SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands	
1.	FY 2003 Obligation	[44,620]	
2.	FY 2004 Appropriation		46,735
3.	Congressional General Reduction		-500
4.	FY 2004 Adjusted Appropriation		46,235
5.	Reprogramming – Below threshold		561
6.	FY 2004 Current Estimate		46,796
7.	Price Adjustments: Non-pay inflation		626
8.	Program adjustment: Decrease due to inventory reduction (18,389 average number); includes privatization		-11,248
9.	FY 2005 Budget Request		36,174

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT

	($ in Thousands)
FY 2005 Budget Request	$37,411
FY 2004 Current Estimate	$43,286
FY 2004 Appropriation	$44,658
FY 2004 Adjusted Appropriation	$44,258

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. Program decreases due to inventory reductions based on Continental United States (CONUS), Overseas (OS) and Foreign (FGN) categories; used cost per unit plus 1.5% for FY 2004 inflation and 1.8% for FY 2005 inflation.

The FY 2005 program also decreases due to 2.2% under-execution of FY 2003 due to fewer purchases required to satisfy new construction and improvements in overseas housing.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
FURNISHINGS SUB-ACCOUNT (Continued)
RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

$ In Thousands

1. FY 2003 Obligation	[44,156]	
2. FY 2004 Appropriation		44,658
3. Congressional General Reduction		-400
4. FY 2004 Adjusted Appropriation		44,258
5. Reprogramming – 2.2% Decrease under execution of FY 2003 program		-972
6. FY 2004 Current Estimate		43,286
7. Price Adjustments:		542
a. Non-Pay Inflation	511	
b. Pay Inflation	51	
c. One less compensatory day	-20	
8. Program Adjustments: Decrease due to inventory reduction based on CONUS, OS and FGN break; Used FY 03 cost per unit for each category plus inflation by 1.8% for FY04 and 1.5% for FY05.		-6,417
9. FY 2005 Budget Request		37,411

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT

	($ in Thousands)
FY 2005 Budget Request	$1,333
FY 2004 Current Estimate	$1,315
FY 2004 Appropriation	$1,311
FY 2004 Adjusted Appropriation	$1,301

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to U.S. soldiers. The FY 2005 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. The price adjustment for non-pay inflation is calculated by using the FY04 current estimate times 1.5% of non-pay inflation.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
OPERATION ACCOUNT
MISCELLANEOUS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	$ In Thousands	
1. FY 2003 Obligation	[1,194]	
2. FY 2004 Appropriation		1,311
3. Congressional General Reduction		-10
4. FY 2004 Adjusted Appropriation		1,301
5. Reprogramming – Additional requirements to house soldiers in Coast Guard Housing		14
6. FY 2004 Current Estimate		1,315
7. Price Adjustment: Non-pay inflation		18
8. FY 2005 Budget Request		1,333

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MAINTENANCE AND REPAIR ACCOUNT

($ in Thousands)	
FY 2005 Budget Request	$402,060
FY 2004 Current Estimate	$461,689
FY 2004 Appropriation	$432,605
FY 2004 Adjusted Appropriation	$439,877

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 2004 current estimate brings the FY 2005 program to 94.5% of sustainment level. There are enough maintenance and repair dollars to keep units safe for assignment, but not to stop deterioration.

Under the Family Housing Master Plan (FMHP) of August 2003, most repair projects within the United States are to be accomplished with privatization or the Army Family Housing Construction program.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MAINTENANCE AND REPAIR ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands	
1.	FY 2003 Obligation	[503,704]	
2.	FY 2004 Appropriation		432,605
3.	Congressional Adjustment		7,272
	a. General Reduction	-4,148	
	b. Supplemental (Storm Damage)	11,420	
4.	FY 2004 Adjusted Appropriation		439,877
5.	Reprogramming: From other accounts due to FY 03 under execution, program changes, and reduced administrative expenses		21,812
6.	FY 2004 Current Estimate		461,689
7.	Price adjustments:		6,100
	a. Non-Pay Inflation	6,029	
	b. Pay Inflation	70	
8.	Program adjustments:		-65,729
	a. Decrease due to Inventory reduction (18,389 average number of units); includes privatization	-111,878	
	b. 11.5% increase to sustainment of M&R; Total FY 05 budget provides sustainment at 94.5% of requirements.	46,149	
9.	FY 2005 Budget Request		402,060

ARMY FAMILY HOUSING
FY 2005 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 Public Law 107-249, Section 127, Military Construction Appropriations Act, 2003. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 05 are expected to exceed $35,000 per dwelling unit. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. Thirty-five GFOQs are listed with a total maintenance and repair cost of $2,387,400.

In those quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The majority of our GFOQs were built prior to the Congressional size limitations and are generally larger than more contemporary structures. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally directed preservation responsibilities.

Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies, in lieu of programming multiple smaller projects spread over several years. The Army’s project review and approval process eliminates unnecessary maintenance and repair. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs will critically impact the condition of quarters and may render them uninhabitable.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
ALABAMA						
Fort Rucker (PN 42684)						
45 Red Cloud Rd Quarters 45	2,265	no	1958	$139,900	-	-

Operations - $4,200; Total O&M - $144,100
Maintenance and repairs including service calls - $5,200; self help - $200; major repairs include whole house renovation - $120,000; and design - $7,200.

DISTRICT OF COLUMBIA						
Fort McNair						
229 Second Ave Quarters 8	4,057	yes	1903	$65,000	-	-

Operations - $36,800; Total O&M - $101,800
Maintenance and repairs including service calls - $10,000; routine maintenance and repairs, including change of occupancy maintenance - $20,000; interior painting - $15,000; exterior painting - $15,000; grounds maintenance - $2,000; and incidental improvements - $3,000.

Fort McNair						
237 Second Ave Quarters 10	3,169	yes	1903	$63,000	-	-

Operations - $22,800; Total O&M - $85,800
Maintenance and repairs including service calls - $8,000; routine maintenance and repairs, including change of occupancy maintenance - $25,000; interior painting - $10,000; exterior painting - $15,000; grounds maintenance - $2,000; and incidental improvements - $3,000.

Fort McNair						
241 Second Ave Quarters 11	3,169	yes	1903	$55,000	-	-

Operations - $22,800; Total O&M - $77,800
Maintenance and repairs including service calls - $8,000; routine maintenance and repairs, including change of occupancy maintenance - $17,000; interior painting - $10,000; exterior painting - $15,000; grounds maintenance - $2,000; and incidental improvements - $3,000.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
DISTRICT OF COLUMBIA (con'd)						
Fort McNair						
253 Second Ave Quarters 14	3,169	yes	1903	$55,000	-	-
Operations - $22,800; Total O&M - $77,800						
Maintenance and repairs including service calls - $8,000; routine maintenance and repairs, including change of occupancy maintenance - $17,000; interior painting - $10,000; exterior painting - $15,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
Fort McNair						
257 Second Ave Quarters 15	3,169	yes	1903	$58,000	-	-
Operations - $22,800; Total O&M - $80,800						
Maintenance and repairs including service calls - $8,000; routine maintenance and repairs, including change of occupancy maintenance - $20,000; interior painting - $10,000; exterior painting - $15,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
GEORGIA						
Fort Gordon						
PN 59188 / 60427)						
1 Broadman Lake Quarters 1	3,813	No	1930	$88,500	-	-
Operations - $6,000; Total O&M - $94,500						
Maintenance and repairs including service calls - $4,500; routine maintenance and repairs, including change of occupancy maintenance - $2,000; interior painting - $1,900; self-help - $100; grounds maintenance - $4,500; incidental improvements - $100; major repairs include replacement of electrical service - $72,000; and other real property - $3,400. Security project includes the installation of a safe room - $40,000 (will be funded from Army Family Housing over and above M&R and Operations totals listed above)						

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
KANSAS						
Fort Leavenworth (PN 52990)						
1 Scott Avenue	5,545	yes	1861	$89,200	-	-
Quarters 1						
Operations - $35,700; Total O&M - $124,900						
Maintenance and repairs including service calls - $4,600; routine maintenance and repairs, including change of occupancy maintenance - $18,200; exterior painting - $40,000; grounds maintenance - $5,400; major repairs include the repair of deteriorated building components with in kind materials - $19,000; and other real property - $2,000.						
Fort Leavenworth (PN 60199)						
1 Scott Avenue	4,177	yes	1883	$83,200	-	-
Quarters 2						
Operations - $8,300; Total O&M - $91,500						
Maintenance and repairs including service calls - $3,000; routine maintenance and repairs, including change of occupancy maintenance - $5,300; exterior painting - $40,000; grounds maintenance - $4,900; and major repairs include the repair of deteriorated building components with in kind materials and the repair of the basement to prevent leaks - $30,000.						
NEW YORK						
West Point						
102 Washington	6,000	yes	1820	$74,000	-	-
Quarters 102						
Operations - $25,000; Total O&M - $99,000						
Maintenance and repairs including service calls - $10,000; routine maintenance and repairs, including change of occupancy maintenance - $19,000; interior painting - $35,000; and grounds maintenance - $10,000.						

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
TEXAS						
Fort Bliss (PN 58872)						
228 Sheridan Quarters 228	3,350	yes	1910	$258,300	-	-

Operations - $5,100; Total O&M - $263,400
Maintenance and repairs including service calls - $3,200; routine maintenance and repairs, including change of occupancy maintenance - $2,100; self help - $1,400; grounds maintenance - $7,600; major repairs include renovation of the unit to current standards - $240,000; design $500; and exterior utilities - $3,500.

Fort Bliss (PN 58873)						
301 Sheridan Quarters 301	3,162	yes	1934	$206,200	-	-

Operations - $5,900; Total O&M - $212,100
Maintenance and repairs including service calls - $3,000; routine maintenance and repairs, including change of occupancy maintenance - $1,600; exterior painting - $2,000; self help - $1,400; grounds maintenance - $7,400; major repairs include renovation of the unit to current standards - $190,000; and design $800

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (con'd)						
Fort Myer						
206 Washington Quarters 1	8,460	yes	1899	$38,500	-	-
Operations - $31,800; Total O&M - $70,300						
Maintenance and repairs including service calls - $8,000; routine maintenance and repairs, including change of occupancy maintenance - $7,500; exterior painting - $20,000; and incidental improvements - $3,000.						
Fort Myer						
106 Grant Ave Quarters 7	4,707	yes	1909	$75,000	-	-
Operations - $36,700; Total O&M - $111,700						
Maintenance and repairs including service calls - $10,000; routine maintenance and repairs, including change of occupancy maintenance - $35,000; interior painting - $25,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
Fort Myer						
102 Grant Ave Quarters 8	4,255	yes	1903	$38,500	-	-
Operations - $31,800; Total O&M - $70,300						
Maintenance and repairs including service calls - $8,000; routine maintenance and repairs, including change of occupancy maintenance - $7,500; exterior painting - $20,000; and incidental improvements - $3,000.						
Fort Myer						
321A Jackson Ave Quarters 11A	2,742	yes	1892	$45,000	-	-
Operations - $24,800; Total O&M - $69,800						
Maintenance and repairs including service calls - $10,000; routine maintenance and repairs, including change of occupancy maintenance - $20,000; interior painting - $10,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (con'd)						
Fort Myer 228A Lee Ave Quarters 23A	2,778	yes	1896	$40,000	-	-
Operations - $23,600; Total O&M - $63,600 Maintenance and repairs including service calls - $7,000; routine maintenance and repairs, including change of occupancy maintenance - $18,000; interior painting - $10,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
Fort Myer 224B Lee Ave Quarters 24B	2,682	yes	1896	$40,000	-	-
Operations - $23,600; Total O&M - $63,600 Maintenance and repairs including service calls - $7,000; routine maintenance and repairs, including change of occupancy maintenance - $18,000; interior painting - $10,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
Fort Myer 220C Lee Ave Quarters 25B	2,594	yes	1896	$40,000	-	-
Operations - $23,600; Total O&M - $63,600 Maintenance and repairs including service calls - $7,000; routine maintenance and repairs, including change of occupancy maintenance - $18,000; interior painting - $10,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
Fort Myer 216A Lee Ave Quarters 26A	2,108	yes	1896	$40,000	-	-
Operations - $32,500; Total O&M - $72,500 Maintenance and repairs including service calls - $7,000; routine maintenance and repairs, including change of occupancy maintenance - $18,000; interior painting - $10,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
VIRGINIA (con'd)						
Fort Myer						
213A Lee Ave	2,108	yes	1932	$55,000	-	-
Quarters 19A						
Operations - $22,900; Total O&M - $77,900						
Maintenance and repairs including service calls - $7,000; routine maintenance and repairs, including change of occupancy maintenance - $18,000; interior painting - $10,000; exterior painting - $15,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
Fort Myer						
213B Lee Ave	1,796	yes	1932	$57,000	-	-
Quarters 19B						
Operations - $22,900; Total O&M - $79,900						
Maintenance and repairs including service calls - $7,000; routine maintenance and repairs, including change of occupancy maintenance - $20,000; interior painting - $10,000; exterior painting - $15,000; grounds maintenance - $2,000; and incidental improvements - $3,000.						
GERMANY ($/EUR 1.0314)						
Stuttgart						
(PN 58859)						
69 Florida Strasse	1,636	no	1957	$46,800	-	-
Bldg. 2435						
Operations - $12,800; Total O&M - $59,600						
Maintenance and repairs including service calls - $5,600; self help - $200; major repairs include replacement of the deteriorating sewer system - $40,000; and design - $1,000.						
Stuttgart						
(PN 58860)						
75 Florida Strasse	1,636	no	1957	$51,200	-	-
Bldg. 2441						
Operations - $10,400; Total O&M - $61,600						
Maintenance and repairs including service calls - $5,600; routine maintenance and repairs, including change of occupancy maintenance - $1,700; interior painting - $2,700; self help - $200; major repairs include replacement of the deteriorating plumbing system - $40,000; and design - $1,000.						

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	NEW LEASE	WORK
GERMANY ($/EUR 1.0314) (con'd)						
Stuttgart (PN 60515)						
77 Florida Strasse Bldg. 2443	1,636	no	1957	$44,400	-	-
Operations - $12,800; Total O&M - $57,200 Maintenance and repairs including service calls - $3,300; self help - $200; major repairs include replacement of the deteriorating sewer system - $40,000; and design - $900.						
Stuttgart (PN 58861)						
78 Florida Strasse Bldg. 2442	1,636	no	1957	$47,700	-	-
Operations - $13,000; Total O&M - $60,700 Maintenance and repairs including service calls - $3,100; routine maintenance and repairs, including change of occupancy maintenance - $800; interior painting - $2,700 self help - $200; major repairs include replacement of the deteriorating plumbing system - $40,000; and design $900.						
Stuttgart (PN 58864)						
79 Florida Strasse Bldg. 2445	1,636	no	1957	$54,000	-	-
Operations - $8,800; Total O&M - $62,800 Maintenance and repairs including service calls - $3,800; self help - $200; and major repairs include replacement of the deteriorating roof - $50,000.						
Stuttgart (PN 58863)						
80 Florida Strasse Bldg. 2444	1,636	no	1957	$67,400	-	-
Operations - $11,600; Total O&M - $79,000 Maintenance and repairs including service calls - $3,300; routine maintenance and repairs, including change of occupancy maintenance - $800; interior painting - $2,200 self help - $200; major repairs include replacement of the deteriorating plumbing system - $40,000 and replacement of failing built-in closets - $19,900; and design - $1,000.						

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
GERMANY ($/EUR 1.0314) (con'd)						
Stuttgart (PN 58865) 81 Florida Strasse Bldg. 2447	2,153	no	1957	$53,700	-	-
Operations - $9,200; Total O&M - $62,900 Maintenance and repairs including service calls - $3,500; self help - $200; and major repairs include replacement of the deteriorating roof - $50,000.						
Stuttgart (PN 58848) 82 Florida Strasse Bldg. 2446	1,636	no	1957	$54,600	-	-
Operations -$8,800; Total O&M -$63,400 Maintenance and repairs including service calls - $3,400; self help - $200; major repairs include replacement of the deteriorating roof - $50,000; and design - $1,000.						
Stuttgart (PN 58867) 83 Florida Strasse Bldg. 2449	2,885	no	1957	$54,700	-	-
Operations -$11,400; Total O&M -$66,100 Maintenance and repairs including service calls - $4,500; self help - $200; major repairs include replacement of the deteriorating roof - $50,000.						
Stuttgart (PN 58866) 84 Florida Strasse Bldg. 2448	1,636	no	1957	$57,500	-	-
Operations -$9,300; Total O&M -$66,800 Maintenance and repairs including service calls - $3,800; routine maintenance and repairs, including change of occupancy maintenance - $800; interior painting - $2,700; self help - $200; and major repairs include replacement of the deteriorating roof - $50,000.						

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
GENERAL FLAG OFFICERS QUARTERS

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS-TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
GERMANY ($/EUR 1.0314) (con'd)						
Stuttgart (PN 60516)						
85 Florida Strasse Bldg. 2451	2,153	no	1957	$57,700	-	-
Operations -$14,300; Total O&M -$72,000						
Maintenance and repairs including service calls - $3,500; routine maintenance and repairs, including change of occupancy maintenance - $800; interior painting - $3,200; self help - $200; and major repairs include the repair of structural cracks - $50,000.						
Stuttgart (PN 60517)						
87 Florida Strasse Bldg. 2452	2,153	no	1957	$57,400	-	-
Operations -$8,400; Total O&M -$65,800						
Maintenance and repairs including service calls - $3,200; routine maintenance and repair including change of occupancy maintenance - $1,600; interior painting - $2,400; self help - $200; and major repairs include replacement of the deteriorating roof - $50,000.						
BELGIUM ($/EUR 1.0314)						
Mons						
Chateau Gendebien Bldg. PQ001	10,010	no	1892	$36,000	-	-
Operations -$61,000; Total O&M -$97,000						
Maintenance and repairs including service calls - $12,000; routine maintenance and repair - $16,000; and interior painting - $8,000.						

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
UTILITIES ACCOUNT

	($ in Thousands)
FY 2005 Budget Request	$132,356
FY 2004 Current Estimate	$173,249
FY 2004 Appropriation	$167,332
FY 2004 Adjusted Appropriation	$165,728

This program provides for 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 and non-pay inflation 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 increased by 1% in FY 2003 and therefore increase our utilities requirement projection for FY 2005.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
UTILITIES (Continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	$ In Thousands	
1. FY 2003 Obligation	[199,562]	
2. FY 2004 Appropriation		167,332
3. Congressional General Reduction		-1,604
4. FY 2004 Adjusted Appropriation		165,728
5. Reprogramming:		7,521
a. Ft. Carson Utility	3,700	
b. Foreign cost per unit adjustment	3,821	
6. FY 2004 Current Estimate		173,249
7. Price Adjustments:		3,013
a. Non-Pay Inflation	2,315	
b. Fuel Inflation	698	
8. Program Adjustments:		-43,906
a. Decrease due to inventory reduction (18,389 average number); includes privatization	-41,982	
b. Energy Conservation	-1,924	
9. FY 2005 Budget Request		132,356

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
LEASING ACCOUNT

($ in Thousands)	
FY 2005 Budget Request	$218,033
FY 2004 Current Estimate	$207,461
FY 2004 Appropriation	$234,471
FY 2004 Adjusted Appropriation	$232,223

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 cannot ordinarily afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of $218,033 to fund leases and related expenses in FY 2005. A summary of the leasing program follows:

	FY 2003	Actual	FY 2004	Curr Est	FY 2005	Budget Req
	Leases	Cost	Leases	Cost	Leases	Cost
Lease Type	Supported	$000	Supported	$000	Supported	$000
Domestic	962	15,423	1,399	20,361	1,914	24,311
Section 2835	4,080	61,143	4,080	62,000	4,080	63,098
Foreign less GRHP	6,667	107,836	6,966	116,345	7,384	120,876
GRHP	426	9,140	371	8,755	311	9,748
Total	12,135	193,542	12,816	207,461	13,689	218,033

ARMY FAMILY HOUSING
FY 2005 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 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 expected to increase in FY 2004 above the FY 2003 rates by approximately 450 units. Following FY 2005, this leasing program will begin to ramp down as Basic Allowance for Housing (BAH) rate increases reach the point where soldiers no longer pay out-of-pocket for rental housing. It is anticipated that more soldiers will rely on the private sector for housing.

2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at installations where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 2005 budget request includes 4,080 occupied units.

3. Foreign Leasing. The FY 2005 total foreign leasing program request consists of 7,695 leased units. The majority of foreign leases are in Germany. Approximately 311 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 2005 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

PROGRAM ADJUSTMENTS

1. In FY 2003 the overall leasing program was 10% below the FY 2003 appropriation amount. The change in the foreign currency budget rate in FY 2003 compared to the rate set during development of the FY 2003 President's Budget contributed to the under execution of the program. This action, along with the under execution of the Independent Duty program, led to reducing the leasing program by approximately $25,000,000 overall. Because only 57% of the total Independent Duty program budgeted amount was executed during FY 2003, the program was reduced by $12,770,000. Of the budgeted 1500 leases, only 748 were actually executed in FY 2003. Therefore, about half of the total program reduction can be attributed to the under execution of the Independent Duty leases.

2. Between FY 2004 and FY 2005 we anticipate an increase to the leasing program based on an increase to the number of Governmental Rental Housing Program (GRHP) leases in Korea, approximately 226 units. Additionally, the change between the FY 2004 number of Independent Duty high cost leases and the FY 2005 estimate increases by approximately 515 units.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

		$ In Thousands
1. FY 2003 Obligation	[193,542]	
2. FY 2004 Appropriation		234,471
3. Congressional General Reduction		-2,248
4. FY 2004 Adjusted Appropriation		232,223
5. Reprogramming:		-24,762
a. Program reduction due to under execution in FY03 and foreign currency rate reduction from FY03 1.2403 to FY04 1.0314	-13,717	
b. Independent duty leases reduction from FY03 low execution which was only 57% of plan	-12,770	
c. New Governmental Rental Housing Program (GRHP) leases (115) in Korea	1,725	
6. FY 2004 Current Estimate		207,446
7. Price Adjustments:		2,731
a. Non-Pay Inflation	2,564	
b. Pay Inflation	181	
c. One less compensatory day	-15	
8. Program Adjustments:		7,841
a. Increase in the number of independent duty leases by 515 at $11,993 per unit; FY05 total independent duty lease plan 20389 divided by number of planned leases 1700-11993	6,176	
b. Increase number of GRHP leases in Korea by 111	1,665	
9. FY 2005 Budget Request		218,033

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

	FY 2003 (Actual)			FY 2004 (Current Est)			FY 2005		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
DOMESTIC LEASING									
Independent Duty	748	8,976	11,855	1,185	14,220	16,550	1,700	20,400	20,389
Shelby	93	1,116	1,365	93	1,116	1,409	93	1,116	1,448
Miami	120	1,440	2,188	120	1,440	2,387	120	1,440	2,459
Newport	1	12	15	1	12	15	1	12	15
Subtotal Domestic	**962**	**11,544**	**15,423**	**1,399**	**16,788**	**20,361**	**1,914**	**22,968**	**24,311**
Section 2835 (801)									
Bliss	300	3,600	4,005	300	3,600	4,000	300	3,600	4,100
Bragg	250	3,000	3,205	250	3,000	3,300	250	3,000	3,345
Drum	2,000	24,000	29,400	2,000	24,000	29,700	2,000	24,000	30,000
Hood	300	3,600	2,447	300	3,600	2,500	300	3,600	2,700
McCoy	80	960	1,623	80	960	1,700	80	960	1,800
Polk	600	7,200	5,942	600	7,200	6,100	600	7,200	6,200
Wainwright	550	6,600	14,521	550	6,600	14,700	550	6,600	14,953
Subtotal Section 2835	**4,080**	**48,960**	**61,143**	**4,080**	**48,960**	**62,000**	**4,080**	**48,960**	**63,098**
Total Domestic Leasing	**5,042**	**60,504**	**76,566**	**5,479**	**65,748**	**82,361**	**5,994**	**71,928**	**87,409**
FOREIGN LEASING									
EUSA									
Korea	599	7,188	27,769	481	5,772	16,659	363	4,356	12,572
GRHP	0	0	0	115	1,380	4,067	226	2,712	8,192
Total Korea	**599**	**7,188**	**27,769**	**596**	**7,152**	**20,726**	**589**	**7,068**	**20,764**
USAREUR									
Belgium	222	2,664	3,281	268	3,216	4,316	300	3,600	4,945
Germany	4,835	58,020	63,725	5,071	60,852	78,833	5,521	66,252	85,845
Italy	595	7,140	6,853	653	7,836	9,015	653	7,836	9,203
Netherlands	299	3,588	2,843	364	4,368	3,740	405	4,860	4,226
Subtotal USAREUR	**5,951**	**71,412**	**76,701**	**6,356**	**76,272**	**95,904**	**6,879**	**82,548**	**104,219**
GRHP	426	5,112	9,140	256	3,072	4,688	85	1,020	1,556
Total USAREUR	**6,377**	**76,524**	**85,841**	**6,612**	**79,344**	**100,592**	**6,964**	**83,568**	**105,775**

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

	FY 2003 (Actual)			FY 2004 (Current Est)			FY 2005		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
OTHER FOREIGN SUPPORT									
Abidjan	1	12	32	1	12	32	1	12	32
Addis Ababa	1	12	40	1	12	40	1	12	40
Amman	5	60	134	5	60	134	5	60	134
Ankara	11	132	232	11	132	250	11	132	250
Athens	5	60	110	5	60	120	5	60	132
Bucharest	2	24	42	2	24	42	2	24	42
Budapest	2	24	60	2	24	62	2	24	62
Bulgaria	1	12	14	1	12	14	1	12	14
Cairo	2	24	35	2	24	35	2	24	35
Copenhagen	2	24	62	2	24	65	2	24	68
Dakar	1	12	40	1	12	40	1	12	40
Dhaka	2	24	60	2	24	60	2	24	60
Doha	17	204	590	29	348	900	42	504	1,172
Gabarone	1	12	40	1	12	40	1	12	40
Georgetown	1	12	40	1	12	41	1	12	42
Harare	1	12	25	1	12	25	1	12	25
Islamabad	2	24	22	2	24	22	2	24	22
Istanbul	1	12	21	1	12	21	1	12	21
Jakarta	1	12	30	1	12	30	1	12	30
Kiev	1	12	52	1	12	55	1	12	58
Kingston	1	12	36	1	12	38	1	12	40
Kuwait City	2	24	80	2	24	80	2	24	80
Latvia	1	12	30	1	12	30	1	12	30
Lithuania	1	12	39	1	12	39	1	12	39
Lisbon	1	12	10	1	12	10	1	12	10
Manila	1	12	45	1	12	45	1	12	45
Moldava	3	36	77	3	36	77	3	36	77
Muscat	1	12	20	1	12	20	1	12	20
Nairobi	13	156	320	13	156	320	13	156	320
New Delhi	1	12	24	1	12	24	1	12	24
Niamey	1	12	33	1	12	33	1	12	33

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE

	FY 2003 (Actual)			FY 2004 (Current Est)			FY 2005		
	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)	Units Supported	Months Purchsd	($000)
Oslo	1	12	42	1	12	51	1	12	52
Paris	3	36	124	3	36	130	3	36	130
Prague	2	24	70	2	24	80	2	24	80
Pristina	1	12	44	1	12	44	1	12	45
Rabat	2	24	25	2	24	25	2	24	25
Rome	1	12	57	1	12	57	1	12	57
San Salvador	3	36	89	3	36	94	3	36	99
Seoul	1	12	20	1	12	20	1	12	20
Skopje	1	12	23	1	12	30	1	12	30
Slovakia	2	24	58	2	24	58	2	24	58
Stockholm	1	12	24	1	12	29	1	12	30
Tallinn	1	12	23	1	12	28	1	12	29
Tel Aviv	1	12	40	1	12	44	1	12	45
Thessaloniki	2	24	18	2	24	15	2	24	15
Tibilisi	1	12	47	1	12	55	1	12	55
Tunis	3	36	50	3	36	55	3	36	55
Vienna	1	12	69	1	12	70	1	12	70
Warsaw	2	24	80	2	24	85	2	24	85
Yaounde	1	12	44	1	12	44	1	12	44
Zagreb	1	12	24	1	12	24	1	12	24
Total Other Foreign	**117**	**1,404**	**3,366**	**129**	**1,548**	**3,782**	**142**	**1,704**	**4,085**
Total Foreign Leasing	**7,093**	**85,116**	**$116,976**	**7,337**	**88,044**	**$125,100**	**7,695**	**92,340**	**$130,624**
TOTAL LEASING PROGRAM	**12,135**	**145,620**	**$193,542**	**12,816**	**153,792**	**$207,461**	**13,689**	**164,268**	**$218,033**

ARMY FAMILY HOUSING
FY 2005 BUDGET REQUEST
FY 2005 SUMMARY SHEET FOR HIGH COST LEASES

COUNTRY	LEASES	HIGH COST LEASES	FOREIGN CURRENCY	FY 1988 RATE	FY 2005 RATE EURO	**ADJUSTED FY 2005 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 2004 high cost lease limit adjusted for CPI) times the FY 1988 exchange rate divided by the FY 2005 exchange rate(after converting its rate from FY 2001, i.e, Belgium $32,115 times 42.77 divided by 49.64 (the 2001 Belgium Franc exchange rate) = $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.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

	($ in Thousands)
FY 2005 Budget Request	$26,644
FY 2004 Current Estimate	$29,303
FY 2004 Appropriation	$29,587
FY 2004 Adjusted Appropriation	$29,303

HOUSING PRIVATIZATION OVERVIEW

MHPI Background. The Department of Army continues to utilize the tools authorized by the Military Housing Privatization Initiatives (MHPI) Act to implement an aggressive family housing privatization program. The goal of this program is to improve the well being of Army families by providing quality family housing in the United States (U.S.). This program, the Residential Communities Initiative (RCI), is a key component of the Army's strategy to provide modern housing and community facilities for soldiers and their families. Quality/affordable housing is a key well being issue, a significant contributor to readiness, and promotes the Army focus on installations as flagships.

Through the RCI program, the Army is leveraging appropriated funds and government assets by entering into partnerships with nationally recognized private sector real estate development and financing firms to obtain the management expertise and financial resources necessary to construct, repair, maintain, and operate family housing and ancillary facilities at selected posts. The Army will apply the development partners' experience, resources, and market-based incentives, to improve the quality of residential communities for Army families in the U.S.

RCI Process. The Army uses a Request for Qualifications procurement process to select highly qualified private sector business partners to construct, renovate, repair, maintain, and operate family housing units, grounds, and other community facilities in family housing areas. The Army and the developer negotiate a comprehensive Community Development and Management Plan (CDMP). The CDMP includes the development scope and schedule, a property management and operations plan, and a financing plan. Following Congressional approval of the CDMP, the Army and the developer execute final business plans and agreements that define the partnership, and scope and

requirements of the project. The agreements include a ground lease of the family housing footprint, conveyance of housing units and other facilities to the developer, and an operating agreement describing the partners' responsibilities. A typical partnership agreement will be for a 50-year period with a 25-year option.

Project economics may require a direct investment of appropriated funds or a guaranteed loan to accomplish the development scope. For these projects, the Army transfers funds from the Army Family Housing Construction (AFHC) account to the Department of Defense Family Housing Improvement Fund (FHIF) for direct investments or scoring of loan guarantees.

Income to the developer comes from rents paid by housing occupants who choose to live in on-post housing. Rents are set equal to the soldier's Basic Allowance for Housing (BAH).

Throughout the life of the agreement, the Army continues to monitor the housing project through a Portfolio and Asset Management (PAM) program/process. The PAM process ensures that the development partner is complying with all agreements and that Army families are being provided adequate housing. It also monitors the financial health and stability of the project to protect the interests of the government and Soldiers.

RCI Program Status. The current RCI program includes 34 installations grouped in 26 projects, with about 71,000 family housing units - approximately 80% of the family housing inventory in the U.S. (See details at Exhibit FH-6.)

By the end of FY 2004, the Army will transition family housing at 19 installations, in 14 projects to privatized operations, with about 42,000 family housing units.

By the end of FY 2005, the Army will complete business agreements at 9 more installations (6 projects) with about 17,000 units, funded in prior years.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)
Privatization Project Awards

Installation	Contract Award Transfer of Ops	Type of Financing	$ Mil	Term Yrs	Units Conveyed	Units Renovated	Units Replaced	Units Added
Ft Carson, CO	Award Sep 99	Loan Guarantee	$10.1	50	1,823	Yr 1-5 1,823	Yr 1-5 0	840
	Transfer Nov 99					Yr 6-50 840	Yr 6-50 1,823	
Ft Hood, TX	Award Apr 01	Direct Investment	$52.0	50	5,622	Yr 1-5 4,939	Yr 1-5 683	290
	Transfer Oct 01					Yr 6-50 3,326	Yr 6-50 2,586	
Ft Lewis, WA	Award Oct 01	None	$ 0	50	3,637	Yr 1-10 2,610	Yr 1-10 608	364
	Transfer Apr 02					Yr 11-50 1,435	Yr 11-50 2,547	
Ft Meade, MD	Award Dec 01	None	$ 0	50	2,862	Yr 1-10 422	Yr 1-10 2,440	308
	Transfer May 02					Yr 11-50 112	Yr 11-50 3,058	
Ft Bragg, NC	Award May 02	Direct Investment	$49.4	50	4,744	Yr 1-10 801	Yr 1-10 1,818	834
	Transfer Aug 03					Yr 11-50 3,787	Yr 11-50 1,791	

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

Installation	Contract Award / Transfer of Ops	Type of Financing	$ Mil	Term Yrs	Units Conveyed	Units Renovated	Units Replaced	Units Added
Presidio of Monterey, CA	Award Jul 02	None	$ 0	50	2,209	Yr 1-8 41	Yr 1-8 2,168	0
	Transfer Oct 03					Yr 9-50 2,209	Yr 9-50 2,168	
Ft Stewart, GA	Award Dec 02	Direct Investment	$37.4	50	2,926	Yr 1-8 1,597	Yr 1-8 1,092	776
	Transfer Nov 03					Yr 9-50 71	Yr 9-50 3,631	
Ft Campbell, KY	Award Aug 02	Direct Investment	$60.1	50	4,240	Yr 1-9 1,994	Yr 1-9 1,351	15
	Transfer Dec 03					Yr 10-50 3,684	Yr 10-50 1,741	
Ft Belvoir, VA	Award Sep 02	None	$0	50	2,070	Yr 1-8 170	Yr 1-8 1,630	0
	Transfer Dec 03					Yr 9-50 170	Yr 9-50 1,900	

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

Exhibit FH-6. Family Housing Privatization

Year of Notification	Installation / State	# Units	Notify Congress Solicitation	Notify Congress Selection	Deal Closing / Contract Award[1]	Funding[2] (AFH-C)	Authority
FY 1996	Ft Carson, CO	2,663	Sep-96	Sep-99	Sep-99	$10.2 [3] FY 1996	Sec 2873
FY 1999	Ft Hood, TX	5,912	Dec-98	Jan-00	Apr-01	$52.0 [3] FY 2000	Sec 2875
FY 2000	Ft Lewis, WA	4,001	Nov-99	Jul-00	Oct-01	$0.0	Sec 2875
FY 2000	Ft Meade, MD	3,170	Mar-00	Aug-00	Dec-01	$0.0	Sec 2875
FY 2001	Ft Bragg, NC	5,578	Jul-01	Jun-02	Aug-03	$49.4 [3] FY 2002	Sec 2875
FY 2001	Presidio of Monterey/Navy Postgraduate School, CA	2,268	Sep-01	May-02	Jul-03	$0.0	Sec 2875
FY 2001	Ft Stewart/Hunter Army Airfield, GA	3,703	Jul-01	Oct-02	Sep-03	$37.4 [3] FY 2002	Sec 2875
FY 2001	Ft Campbell, KY	4,255	Jul-01	Jun-02	Aug-03	$52.2 [3] FY 2002	Sec 2875
FY 2002	Ft Belvoir, VA	2,070	Nov-01	Jul-02	Oct-03	$0	Sec 2875
FY 2001	Ft Irwin/Moffett Airfield/Parks RTC, CA	3,052	Sep-01	Jul-02	Oct-03	$0.0	Sec 2875
FY 2002	Ft Eustis/Ft Story, VA	1,124	Nov-01	Nov-02	Feb-04	$14.8 FY 2003	Sec 2875
FY 2002	Ft Hamilton, NY	228	Nov-01	Jan-03	Jan-04	$2.2 FY 2002	Sec 2875
FY 2001	Ft Polk, LA	3,641	Jul-01	Jan-03	Feb-04	$64.0 FY 2003	Sec 2875
FY 2002	Walter Reed AMC, DC/Ft Detrick, MD	394	Nov-01	May-03	Apr-04	$1.3 FY 2002	Sec 2875
FY 2002	Ft Shafter/Schofield Barracks, HI	7,364	Aug-02	Jul-03	Jul-04	$0	Sec 2875

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

FY 2003	Ft Leonard Wood, MO	2,472	Jan-03	Sep-03	Sep-04	$45.0 FY 2003	Sec 2875
FY 2003	Ft Drum, NY	2,272	Apr-03	Nov-03	Nov-04	$52.0 FY 2004	Sec 2875
FY 2003	Ft Sam Houston, TX	926	Jan-03	Dec-03	Dec-04	$6.6 FY 2004	Sec 2875
FY 2003	Carlisle Barracks, PA/Picatinny Arsenal, NJ/Ft Monmouth, NJ	1,055	Apr-03	Mar-04	Mar-05	$0.5 FY 2002 $22.0 FY 2004	Sec 2875
FY 2003	Ft Bliss, TX	2,776	Jan-03	Mar-04	Mar-05	$38.0 FY 2004	Sec 2875
FY 2004	Ft Benning, GA	4,055	Jan-04	Oct-04	Nov-05	$57.0 FY 2005	Sec 2875
FY 2004	Ft Knox, KY	3,380	Mar-04	Nov-04	Jan-06	$31.0 FY 2005	Sec 2875
FY 2004	Ft Rucker, AL	1,516	Jan-04	Jan-05	Feb-06	$24.0 FY 2005	Sec 2875
FY 2004	Ft Leavenworth, KS	1,580	Mar-04	Mar-05	Apr-06	$15.0 FY 2005	Sec 2875
FY 2004	Ft Gordon, GA	872	Jan-04	Apr-05	May-06	$9.0 FY 2005	Sec 2875
FY 2004	Redstone Arsenal, AL	503	Mar-04	Jun-05	Jul-06	$0.6 FY 2005	Sec 2875

[1] End of 45-day Congressional review of Community Development Management Plan (CDMP). Army issues Notice to Transition to closing.
[2] All funds are AFH Construction
[3] Funds have been transferred to the FHIF.

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

RECONCILIATION OF INCREASES AND DECREASES
EXHIBIT OP-5

	$ In Thousands	
1. FY 2003 Obligation	[25,619]	
2. FY 2004 Appropriation		29,587
3. Congressional General Reduction		-284
4. FY 2004 Adjusted Appropriation		29,303
5. FY 2004 Current Estimate		29,303
6. Price Adjustments:		402
a. Non-Pay Inflation	366	
b. Pay Inflation	38	
c. One Less Day Compensation	-2	
7. Program adjustments:		-4,261
a. Decrease in project implementation requirements for environment, procurement, and consultant support due to fewer projects in the implementation phase.		
b. Increase in requirements for Portfolio management due to additional projects transitioning to privatization.		1,200
8. FY 2005 Budget Request		26,644

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

Explanation of Budget Request

The Army requires $26.6 million in FY 2005 to fund the continuation of RCI operations and implementation of additional RCI projects. The budget request provides for civilian pay, travel, environmental and real estate surveys, training, real estate consultant services, legal services, procurement costs associated with selecting the development partner, fees to the selected developers for preparation of the CDMPs, and portfolio management of the privatized housing inventory.

The FY 2005 request supports privatization of six additional installations, with 12,000 housing units, including selection of developers, preparation/negotiation of CDMPs, environment and real estate assessments, and legal services. In particular, the request funds PAM requirements for the 20 projects to be privatized prior to and during FY 2005.

The table below summarizes RCI program management and operations costs for FY 2005.

	$ millions
Program Management (HQ and Installations)	$ 4.0
Real Estate, Finance, and Legal Services	$ 9.0
Community Development Management Plan Award Fees	$ 2.1
U.S. Army Corps of Engineers Services	
Environmental/Real Estate/Procurement Support	$ 6.9
Portfolio Management	$ 4.6
Total	$26.6

ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

The Army Family Housing Construction (AFHC) budget request for FY 2005 includes funding for scoring and/or direct investment for the projects shown below. 1391 Forms are in the AFHC improvement section.

FY 2005	$ millions
Fort Gordon, GA	$ 9.0
Fort Rucker, AL	$24.0
Fort Benning, GA	$57.0
Fort Knox, KY	$31.0
Fort Leavenworth, KS	$15.0
Redstone Arsenal, AL	$ 0.6
Total	$136.6

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
DEBT PAYMENT ACCOUNT

($ in Thousands)	
FY 2005 Budget Request	$1
FY 2004 Current Estimate	$1
FY 2004 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 2005.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980), which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

FISCAL YEAR	ESTIMATED TERMINATIONS	NUMBER MORTGAGES WITH PAYMENTS	($) ESTIMATED AVERAGE PAYMENT	($000) ESTIMATED PAYMENT FOR YEAR
2003	0	1	400.00	1
2004	0	1	400.00	1
2005	0	1	400.00	1

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ARMY FAMILY HOUSING
FY 2005 BUDGET ESTIMATE
REIMBURSABLE PROGRAM

($ in Thousands)	
FY 2005 Budget Request	$22,000
FY 2004 Current Estimate	$22,000
FY 2004 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 2003 (Actuals)	FY 2004 (Curr. Est)	FY 2005
Non-Federal Sources	14,410	18,480	18,480
Federal Sources	2,745	3,520	3,520

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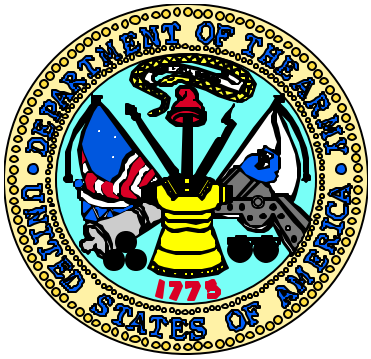

FY 2005
Budget Estimate

Homeowners Assistance Fund, Defense

Justification Data Submitted to Congress
February 2004

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February 2004

HOMEOWNERS ASSISTANCE FUND, DEFENSE
FY 2005 BUDGET ESTIMATE
SUMMARY

	(In Thousands)
FY 2005 Program/Appropriation	$ 11,542 / -0-
FY 2004 Program/Appropriation	$ 9,765 / -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 2005 budget requests no additional authorization of appropriations and appropriations to fund Homeowners Assistance Fund program expenses. Total program estimate for FY 2005 is $11,542,373 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 always 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.

-Program estimates indicate the current HAP financial conditionrequires no additional funding in FY 2005. 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 2005

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, 2004 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 FY2003, FY2004 and FY2005

PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	ACTUAL FY 2003	FY 2004	FY 2005
PROGRAM RESOURCES			
New Appropriation/TOA Requested	0	0	0
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	0	0	0
Total Budget Authority Requested	0	0	0
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unoblig Bal Brought FWD	22,690,109	17,638,761	11,337,425
Unobligated Balance Transferred - TO / FROM	0	0	0
Anticipated Revenue from Sale of Real Property	2,313,258	3,463,277	2,975,000
Recovery of Prior Year Balances	1,082,764	0	0
TOTAL PROGRAM RESOURCES	26,086,131	21,102,038	14,312,425
PLANNED PROGRAM EXECUTION			
Payments to Homeowners	1,376,787	1,970,898	3,624,226
Other Operating Cost	4,612,056	4,966,215	4,418,147
Acquisition of Real Property	2,458,527	2,827,500	3,500,000
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
TOTAL PLANNED PROGRAM EXPENSE	8,447,370	9,764,613	11,542,373
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	17,638,761	11,337,425	2,770,052